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SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM EPA CONTRACT 68-W5-0019

START-02-F-01936

### TRANSMITTAL MEMO

To:

Mr. Dan Harkay, OSC,

Removal Action Branch, U.S. EPA Region II

From:

Yunru Yang, Data Reviewer

Roy F. Weston, Inc.

Subject:

Site Name: Cornell-Dublier Electronics, South Plainfield, NJ

Data Validation Assessment

Date:

16 June 1998

The purpose of this memo is to transmit the following information:

• Data validation results for the following parameters:

**PCBs** 

202 samples

• Matrices and Number of Samples:

Soil

200 samples

Water

2 samples

Sampling date:

3 and 4 December 1997

The final data assessment narrative and original analytical data package are attached.

Cc:

START Project Manager:

Michael Mahnkopf

START FILE TDD #:

02-97-09-0015

START FILE TDD #:

02-97-12-0003

PCS #:

2272

## U.S. ENVIRONMENTAL PROTECTION AGENCY

15 June 1998

Yunru Yang START Data Validation Review Team

Eric Wilson, OSC USEPA Region II

DATE:

FROM:

TO:

SUBJECT:	QA/QC Compli RFP #2272	ance Review S	Summary for Co	mell-Dublier E	lectronics S	oil Sampling,
examined and	quality control compared to EPA d as applicable:					
	Data Complete Calibrations Compound Ide Blanks Matrix Spikes/	ntification	Holding Time Chromatograp Result Calcula Surrogate Spi	phy ation		- -
•	measures used med by others.		e following con	clusions are att	tached so th	at the review
Summary of R	Results		•			
<b>-</b>		PC	B Analysis			
Acceptable a	s Submitted					
Acceptable w	with Comments		X		•	
Unacceptable	e, Action Pendin	g		<b>-</b>		
Unacceptable	e			_		-
Data Reviewe	d by:	touries.	Sumber f	er Inty Yong	Date: 7	16/98
Approved By:	· · · · · · · · · · · · · · · · · · ·	m Sowe	·	711721	Date:	16/90
Area Code/Ph	one No.:	(908) 225-6	116			

### **NARRATIVE**

#### RFP No. 2272

SITE NAME: Cornell-Dublier Electronics, South Plainfield, NJ

Laboratory Name: ICM Inc., 1152 Route 10, Randolph, NJ 07869

### INTRODUCTION

This data package consisted of 2 rinse blanks and 200 soil samples including one field duplicate sample collected on 3 and 4 December 1997.

The laboratory reported no major problems with the receipt and analyses of the PCBs.

The evaluator has commented on the criteria specified in the attached Data Assessment Report. All criteria have been assessed. Details relevant to these comments are given on the following parameters.

- Chain-of-Custody
- Holding Times
- Initial and Continuing Calibration
- Blanks
- Surrogate Recovery
- Spike Sample Recovery
- Compound Identification
- Quantitation Limits
- Chromatograms
- Quantitation, Conversions, Dilutions, etc.

Comments: Refer to Data Assessment Report

Functional Guidelines for Evaluating Organic Analysis

RFP No.: 2272

**LABORATORY: ICM** 

SITE: Cornell-Dubilier Electronics

### **DATA ASSESSMENT**

The current SOP HW-6 (Revision 11) June 1996, USEPA Region II Data Validation SOP for Statement of Work OLMO 3.2. for evaluating organic data have been applied.

All data are valid and acceptable except those analytes rejected "R"(unusable). Due to the detection of QC problems, some analytes may have the "J" (estimated), "N"(presumptive evidence for the presence of the material, "U" (non-detect) or "JN" (presumptive evidence for the presence of the material at an estimated value) flag. All action is detailed on the attached sheets.

The "R" flag means that the associated value is unusable. In other words, significant data bias is evident and the reported analyte concentration is unreliable.

Reviewer's Signature: _	Yunru Yang	Im	Ref	Date: <u>06/16/1998</u>
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Verified By:			:	Date://199

#### 1. HOLDING TIME:

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the specified holding time is exceeded, the data may not be valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimated, "J". The non-detects (sample quantitation limits) will be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

The following action was taken in the samples and analytes shown due to excessive holding time.

None

Icm\assmnt

#### 2. SURROGATES

All samples are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. If the measured surrogate concentrations were outside contract specifications, qualifications were applied to the samples and analytes as shown below.

No sample results were qualified for unacceptable surrogate recoveries.

#### 3. MATRIX SPIKE/SPIKE DUPLICATE, MS/MSD:

The MS/MSD data are generated to determine the long term precision and accuracy of the analytical method in various matrices. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

Due to the presence of Aroclor 1254 in all the samples chosen for the MS/MSD analyses, the data validator had to recalculate the spike recoveries by using peaks unique to Aroclor 1016 and Aroclor 1260 to minimize the interferences introduced by Aroclor 1254. Even with this practice, some Aroclor 1260 recoveries were still above the QC limit. No sample results were qualified.

### 4. BLANK CONTAMINATION:

Quality assurance (QA) blanks, i.e., method, trip, field, or rinse blanks are prepared to identify any contamination which may have been introduced into the samples during

sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field and rinse blanks measure cross-contamination of samples during field operations. If the concentration of the analyte is less than 5 times the blank contaminant level (10 times for common contaminants), the analytes are qualified as non-detects, "U". The following analytes in the sample shown were qualified with "U" for these reasons:

A) Method blank contamination:

None

B) Field or rinse blank contamination:

None

C) Trip blank contamination:

Not applicable

D) Storage Blank

Not applicable.

E) Tics "R" rejected

Not applicable

#### 5. MASS SPECTROMETER TUNING:

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The tuning standard for volatile organics is (BFB) Bromofluorobenzene and for semi-volatiles Decafluorotriphenyl-phosphine (DFTPP).

If the mass calibration is in error, all associated data will be classified as unusable "R".

Not applicable

#### 6. CALIBRATION:

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

### A) Response Factor GC/MS:

The response factor measures the instrument's response to specific chemical compounds. The response factor for the Target Compound List (TCL) must be  $\geq 0.05$  in both initial and continuing calibrations. A value < 0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound will be rejected "R".

Not applicable

## B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentration. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be < 30% and %D must be < 25%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detects data may be qualified "R".

For the PEST/PCB fraction, if %RSD exceeds 20% for all analytes except for the two surrogates (which must not exceed 30% RSD), qualify all associated positive results "J" and non-detects "UJ".

The following analytes in the sample shown were qualified for %RSD and %D:

Method 8080A was used for sample analysis. The following criteria were used for evaluation: The RSD must be  $\leq$  20% and the %D must be  $\leq$ 15%.

No sample results were qualified for unacceptable initial calibration.

The continuing calibration verifications (CCV) were mostly performed for Aroclor 1254. The CCVs were also performed for Aroclor 1248 and Aroclor 1016/1260. Since not all standards were verified every 10 samples, the failing standards may cause qualifying all the samples in the analytical sequence.

The following sample results were qualified for the unacceptable %Ds (on both column):

"UJ" Aroclor 1248: GGGGNS1, GGGGNS2. GGGGNS3. GGGGND1, GGGGND2, GGGGSS1, GGGGSS2, GGGGSD1, HHHHNS1, HHHHNS2, HHHHND2, HHHHSS1, HHHHND1, HHHHSS2, HHHHSD1. HHHHSD2, IIIISS1, IIIISS2, IIIISD1, IIIISD2, IIIINS1, IIIINS2, IIIINS3, IIIIND2, JJJJSS1, JJJJSS2, JJJJSD1, JJJJSD2, JJJJNS1, JJJJNS2, JJJJND1, and JJJJND2.

"J" Aroclor 1248: CCCCSED(S), CCCCSED(D), DDDDSED(S)

"UJ" Aroclor 1016 and Aroclor 1260: QQQQSD2, RRRRSS1, SSSSNS1, SSSSND1, SSSSNS2, SSSSND2, SSSSSS1, SSSSSS2, SSSSSD2, TTTTNS1, TTTTND1, TTTTND2, TTTTND2, and TTTTSD1.

"UJ" Aroclor 1260: LLLLSED(S), LLLLSED(D), NNNNSED(S), NNNNSED(D), NNNNSS2, NNNNSD2, OOOOSED(S), OOOOSED(D), OOOOSS1, OOOOSD1, OOOOSS2, OOOOSS2, OOOOSS3, PPPPSED(S), and PPPPSED(D).

"J" Aroclor 1254: LLLLSED(D), NNNNSS2, NNNNSD2, OOOOSS2, PPPPSS1, and PPPPSD2

#### 7. INTERNAL STANDARDS PERFORMANCE GC/MS:

Internal standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing

calibration standard. The retention time of the internal standard must not vary more than  $\pm 30$  seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, the reviewer will use professional judgement to determine either partial or total rejection of the data for that sample fraction.

Not applicable

#### 8. COMPOUND IDENTIFICATION:

#### A) Volatile and Semi-Volatile Fractions:

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within  $\pm$  0.06 RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound. For the tentatively identified compounds (TIC) the ion spectra must match accurately. In the cases where there is not an adequate ion spectrum match, the laboratory may have provided false positive identifications.

Not applicable

#### B) Pesticide Fraction:

The retention times of reported compounds must fall within the calculated retention time windows for the two chromatographic columns and a GC/MS confirmation is required if the concentration exceeds 10 ng/ml in the final sample extract.

GCMS confirmation was not performed.

The identification of PCBs relies more on the pattern recognition than on the retention time windows. The concentrations of a particular Aroclor from the two columns were compared. The

lower value shall be reported. The %D of the two values was calculated. If the %D is >50% between the two values, the Aroclor result will be qualified as estimated.

The Aroclor 1254 pattern could not be recognized on both analytical columns for sample MMMMSS2. The Aroclor 1254 result reported by the lab was qualified as unusable (R).

The following sample results were qualified for %D > 50%:

"J" Aroclor 1248: CCCCSED(D) and UUUUSED(D)
"J" Aroclor 1254: EEEEND1 and PPPPSD2

After reviewing other QC results, the data validator chose to report the higher concentration of Aroclor 1254 for the following samples because the associated Aroclor 1254 CCVs on the columns with the lower concentration failed the QC requirement:

FFFFSED(S), GGGGNS1, GGGGND1, GGGGND2, GGGGSD1, GGGGSED(S), GGGGSED(D), HHHHND1, HHHHND2, HHHHSS1, HHHHSS2, HHHHSD1, IIIISS1, IIIISD1, IIIISD2, IIIISED(D), IIIINS1, IIIINS2, IIIINS3, IIIIND2, JJJJSS2, JJJJND1, LLLLSED(S), NNNNSED(S), OOOOSED(S), OOOOSS1, OOOOSD1, OOOOSD2, OOOOSS3, QOQQSED(S), QOQQSED(D), QOQQSD1, QOQQSD2, RRRRSED(S), RRRRSS1, SSSSSED(D), SSSSND1, SSSSND2, SSSSSD1, SSSSSD1, SSSSSS2, SSSSSD2, TTTTNS3, TTTTSS1, TTTTSED(D), TTTTNS1, TTTTNS2, TTTTSD1. UUUUSED(S), UUUUSED(D), UUUUNSI, MMMMSED(S), LLLLND1, LLLLND2, MMMMNS2. MMMMND1, *MMMMND2*, NNNNNS1, NNNNNS2, NNNNNS3, NNNND2, OOOOND1, OOOOND2, PPPPNS1.

Other than Aroclor 1254, samples CCCCSED(D), CCCCSED(S), DDDDSED(S), KKKKND2, GGGGSD1, RRRRND1, RRRRND2, and UUUUSED(D) also contained Aroclor 1248. Although the peaks (less than 5) unique to each Aroclor were used by the data validator to recalculate the concentrations of the Aroclors, the results of Aroclor 1248 and Aroclor 1254 in these samples were qualified as estimated for the interferences from each other could not be avoided.

Other than Aroclor 1254, samples RRRRSS2, RRRRSD2, PPPPSS1, and PPPPSD2 also contained Aroclor 1260. Although the peaks (less than 5) unique to each Aroclor were used by the data validator to recalculate the concentrations of the Aroclors, the results of Aroclor 1254 and Aroclor 1260 in these samples were qualified as estimated for the interferences from each other could not be avoided.

### 9. CONTRACT PROBLEMS NON-COMPLIANCE:

None

### 10. FIELD DOCUMENTATION:

None

#### 11. OTHER PROBLEMS

- a. The following sample results were qualified as estimated (J) for having percent moisture at or above 50%: DDDDND1, FFFFSD1, FFFFSD2, GGGGND2, GGGGSS2, GGGGSD1, IIIINS1, IIIINS3, IIIIND2, KKKKNS2, KKKKND1, LLLLND2, KKKKSED(S), OOOOSD1, QQQQND1, QQQQND2, RRRRNS1, RRRRND1, RRRRNS2, RRRRND2, RRRRNS3, SSSSSD1, TTTTSED(S), TTTTNS1, TTTTND1, TTTTNS2, TTTTNS3, UUUUSD2, VVVVSS1, and VVVVSD2.
- b. Incorrect peaks were used for quantifying the Aroclor 1254 results for CCCCNS1 and DDDDND1. The data validator recalculated the Aroclor 1254 results by excluding these peaks. As a result, the lab reported values were revised on the result summary sheets.
- c. Sample SSSSD2 was chosen by the lab for replicate measurement of the percent moisture. The first measurement was at 54.5%, the second 46.2%. The percent moisture of the second measurement was used by the lab for sample result calculation. The sample results were not qualified.
- d. The Aroclor 1254 results in the following samples were qualified as estimated (J) because at lease one of the peaks used to quantify Aroclor 1254 had a concentration above the calibration range: EEEENS1, EEEEND1, GGGGNS1, GGGGNS2, HHHHNS2, <\\_\_IIIINS1, KKKKNS2, LLLLNS1, LLLLNS2, MMMMNS1, NNNNND1, NNNNSS2, NNNNSD2, OOOONS1, OOOOSS2, QQQQSS1, QQQQSD1, and VVVVSS2.
- e. Due to the matrix interferences, at least one Aroclor 1254 peak was eliminated from the result calculation in the following samples: GGGGND1, GGGGSD1, HHHHSD1, IIIINS2, JJJJNS2, JJJJND1, CCCCSED(S), CCCCSED(D), DDDDSED(S),

HHHHSED(D), KKKKND2, PPPPND1, PPPPND2, KKKKSED(S), KKKKSED(D), NNNNSS1, NNNNSD1, NNNNSD2, OOOOSED(D), OOOOSD1, PPPPSS1, PPPPSD2, RRRRND1, RRRRND2, RRRRSD2, SSSSSS2, TTTTNS1, TTTTND1, UUUUSED(D), VVVVNS1, VVVVND1, TTTTSS1, and UUUUSED(S). The sample result summary sheets were revised by the data validator to incorporate the changes of the concentrations.

12. This package contains re-extractions, reanalyses or dilutions. Upon reviewing the QA results, the following Form 1(s) are identified to be used.

Some samples were re-extracted, reanalyzed, or analyzed with a dilution; however, only one set of data was included in the data packages.

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 3, 1997

# Sample Concentration (µg/Kg)

		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
PCBs	Method	CCCCNS1	CCCCNS2	CCCCNS3	CCCCND1	CCCCND2	CCCCSS1	CCCCSS2	CCCCSD1	CCCCSD2	DDDDNS1
Low Concentration	Detection	278120	278121	278122	278123	278124	- 278125	278126	278127	278128	278129
Percent Moisture	Limit	28.18	32.5	27.49	26.34	32.38	26.41	20.22	47.1	21.3	28.3
Dilution Factor		5	5	5	1	10	1	1	11	11	10
Aroclor 1016	17	Ú	۲	Ú	U	U	U	Ú	J	U	U
Aroclor 1221	47	U	U	U	C	U	U	U	U	U	U
Aroclor 1232	27	C	U	U	U	U	U	U	U	U	· U
Aroclor 1242	17	د	C	U	Ū	U	U	U	IJ	U	U
Aroclor 1248	20	U	U	U	Ū	U	U	U	ט	U	U
Aroclor 1254	23	4800	4100	3900	640	11000	140	U	1300	460	7500
Aroclor 1260	27	U	U	U	U	U	U	U	U	U	U

U - non-detected compound

Project: Cornell-Dubilier Electronics

Sampling Date: December 3, 1997

					0-11	Soil	Soil	Soil	Soil	Soil	Soil
PCBs Low Concentration Percent Moisture	Method Detection Limit	28.9	Soil DDDDND1 278131 50	Soil DDDDND2 278132 37.79 10	Soil DDDDSS1 278133 28.91 10	Soil DDDDSS2 278134 23.95	DDDDSD1 278135 18.6	DDDDSD2 278136 26.9	EEEENS1 278137 20.6 1	EEEENS2 278138 11.5 1	EEEENS3 278139 19.5 1
Dilution Factor		10	20	10	10	11		Ü	U	U	U
Aroclor 1016	17	U	UJ	U	<u>U</u>	<u> </u>	<del>                                     </del>	<del>                                     </del>	- 11	U	U
Aroclor 1221	47	U	ΠĴ	U	U	U	<u> </u>	11	<del> </del>	Ü	U
Aroclor 1232	27	U	UJ	U	U	U	<del>                                     </del>	<del> </del>	<del>-                                    </del>	Ü	U
Aroclor 1242	17	U	UJ	U	U	U	<u> </u>	<del> </del>	<del></del>	<del>1                                    </del>	U
Aroclor 1248	20	U	UJ	U	l U	U_	100	1 210	1500 3	<del> </del>	1100
Aroclor 1254	23	5400	28000 J	8200	6800	96	120	310_	1500 3	1	1100
Aradar 1260	27	11	UJ	U	U	<u> </u>	<u> </u>	UU		1	1

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 3, 1997

PCBs Low Concentration Percent Moisture Dilution Factor	Method Detection Limit	Soil EEEEND1 278140 23.7	Soil EEEEND2 278141 19.72	Soil EEEESS1 278142 24.6 5	Soil EEEESS2 278143 23.54 5	Soil EEEESD1 278144 42.17 5	Soil EEEESD2 278145 25.14 10	Soil FFFFSS1 278146 46.79 5	Soil FFFFSS2 278147 41.1	Soil FFFFSD1 278148 61.6 10	Soil FFFFSD2 278149 58.6 10
Aroclor 1016	17	U		U	U	U	· U	Ú	U	UJ	: U J
Aroclor 1221	47	U	Ü	U	U	U	U	U	U	UJ	UJ
Aroclor 1232	27	U	U	C	Ú	U	U	U	U	UJ	, U J
Aroclor 1242	17	U	Ú	U	U	U	U	U	U	UJ	UJ
Aroclor 1248	20	· U	Ū	U	Ü	U	U	υ	U	UJ	ΩJ
Aroclor 1254	23	1800 <sup>-</sup> /J	Ū	4500	5200	4000	7900	4400	5300	16000 J	13000 J
Aroclor 1260	27	U	U	U	U	U	U	U .	U	UJ	UJ

U - non-detected compound

J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 3, 1997

								Soil	Soil	Soil	Soil
PCBs Low Concentration Percent Moisture	Method Detection Limit	Soil FFFFNS1 278150 44.36	Soil FFFFNS2 278151 21.74	Soil FFFFND1 278152 22.53 1	Soil FFFFND2 278153 19.41 1	Soil GGGGNS1 278154 31.63 1	Soil GGGGNS2 278155 33.39 1	GGGGNS3 278156 31.83	GGGND1 278157 37.3 10	GGGGND2 278158 51.4 10	GGGGSS1 278159 45.2 1
Dilution Factor	ļ		<del> </del>	ii ii	U	U	UU	U			11
Aroclor 1016	17	U	<u> </u>	I	11	U	U	U	U	0.0	<del></del>
Aroclor 1221	47	U	U	<u> </u>		11	U	U	U	UJ	U -
Aroclor 1232	27	U	U	U		<del> </del>	<del></del>	U	U	UJ	L. U
Aroclor 1242	17	U	U	U	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>	บัว	U સ	Uď	UJ
Aroclor 1248	20	Ü	U	U	0	2000 1	1700	1800 ป	4100	12000 J	1300
Aroclor 1254	23	4300	780	400	240	2000 J	1700	U	U	ΠJ	U
A	27	U	U	l U	U	<u></u>	<u>~</u>	<u> </u>			

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 3, 1997

PCBs Low Concentration	Method Detection	Soil GGGGSS2 278160	Soil GGGGSD1 278161	Soil HHHHNS1 278162	Soil HHHHNS2 278163	Soil HHHHND1 278164	Soil HHHHND2 278165	Soil HHHHSS1 278166	Soil HHHHSS2 278167	Soil HHHHSD1 278168	Soil HHHHSD2 278169
Percent Moisture	Limit	55.31	58.23	36.22	36.84	49.7	43.31	30.33	32.9	30.6	29.8
Dilution Factor		1	10	5	1 .	5	20	1	1	11	1
Aroclor 1016	17	UJ	UJ	U	U	U	U	J	U	U	U
Aroclor 1221	47	υJ	UJ	U	U	U	U	כ	J	U	U
Aroclor 1232	27	UJ	UJ	U	U	U	J	J	U	U	U
Aroclor 1242	17	UJ	UJ	Ü	U	Ü	כ	U	U	U	· U
Aroclor 1248	20	ľυ	6700 ป	υĴ	บป	บป	t U	UJ		UJ	. U J
Aroclor 1254	23	1400 J	9900 J	3900	2400 ป	5300	28000	150	200	720	150
Aroclor 1260	27	ÛĴ	UJ	U	U	U	U	U	U	U	U

U - non-detected compound

J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 3, 1997

PCBs Low Concentration Percent Moisture Dilution Factor	Method Detection Limit	Soil IIIISS1 278170 19.33	Soil IIIISS2 278171 12.89	Soil IIIISD1 278172 14.42	Soil IIIISD2 278173 8.66 1	Soil IIIINS1 278174 62.32 1	Soil IIIINS2 278175 43.17 10	Soil IIIINS3 278176 63.32 1	Soil IIIIND2 278177 50.1 1	Soil - JJJJSS1 278178 43.5 10	Soil JJJJSS2 278179 39.9 10
Aroclor 1016	17	<u> '                                   </u>	· U	U	U	UJ	U	υJ	UJ	U	<u> </u>
Aroclor 1221	47	Ü	U	Ú	U	υJ	U	UJ	UJ	, U	<u>U</u>
Aroclor 1232	27	U	U	U	U	UJ	<u>U</u>	UJ	0 1	<u>U</u>	
Aroclor 1242	17	U	U	U	U	UJ	U d	0 J	U J	U.J	U J
Aroclor 1248	20	กล	<u> </u>	U 3	U J	 2900 J	5400	2600 J	1900 J	8500	6700
Aroclor 1254	23	280	160 U	79 U	Ü	2900 J	U	U J	υJ	U	U

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 3, 1997

PCBs Low Concentration Percent Moisture	Method Detection Limit	Soil JJJJSD1 278180 43.92	Soil JJJJSD2 278181 48.7	Soil JJJJNS1 278182 10.26	Soil JJJJNS2 278183 22.12	Soil JJJJND1 278184 48.12	Soil JJJJND2 278185 24.52	Soil CCCCSED(S 278186 36.81	Soil CCCCSED(D) 278187 22.0	Soil DDDDSED(S) 278188 21.4	Soil DDDDSED(D) 278189 13.7
Dilution Factor Aroclor 1016	17	1	1	1 1	1 - U	· 1	1	U	<u> </u>	<del>- ' u</del>	<u>'</u> U
Aroclor 1221	47	U	Ü	Ü	Ü	Ü	Ü	U	U	U	U
Aroclor 1232	27	U	U	U	U	U	U	U	U	U	U
Aroclor 1242	17	U	U	U	U	U	U	U	· U	U	U
Aroclor 1248	20	υJ	ΠĄ	UΊ	UJ	UJ	U J	250 J	130 ป		U
Aroclor 1254	23	1400	1400	840	420	170	1500	670 J	კეე ქ	1200 ป	50
Aroclor 1260	27	U	U	U	U	U	U	U	U	l U	U

U - non-detected compound J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 3, 1997

PCBs Low Concentration Percent Moisture			Soil FFFFSED(S) 278191 18.98	Soil GGGGSED(S) 278192 29.76	Soil GGGGSED(D) 278193 25.28	Soil HHHHSED(S) 278194 34.43	Soil HHHHSED(D) 278195 25.93	Soil IIIISED(S) 278196 17.42	Soil IIIISED(D) 278197 16.8	Soil JJJJSED(S) 278198 18.2 1	Soil JJJJSED(D) 278199 14.5
Dilution Factor	·	11	11	11	20	<del> </del>	- 11	<del></del>	U	U	U
Aroclor 1016	17	U	U	U	<u> </u>		<u>-</u>	U	U	U	U
Aroclor 1221	47	U	U	U.	<u> </u>	<del> </del>	<del>                                     </del>	Ü	U	U	U
Aroclor 1232	27	U	U	U	<u> </u>	<del> </del>	- <u> </u>	Ü	U	U	U
Aroclor 1242	17	U	U	U_	<u> </u>	<del>                                     </del>	<del>                                     </del>	U	U	U	U_
Aroclor 1248	20	U	U	U	0000	1700	2900	200	65	70	28 J
Aroclor 1254	23	490	1300	1700	9800	1700_	2500	U	U	U	U
Araclar 1260	27	U	) U	l U	L	1 0	<u></u>	L	<u> </u>		

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 3, 1997

PCBs Low Concentration Percent Moisture	Method Detection Limit	Soil KKKKSS1 278200 35.48	Soil KKKKSS2 278201 39.41	Soil KKKKSD1 278202 30.31	Soil LLLLSS1 278203 41.35	Soil LLLLSS2 278204 25.78	Soil MMMMSS1 278205 27.31	Soil MMMMSS2 270206 25.25	Soil KKKKNS1 278207 40.31	Soil KKKKNS2 278208 50.9	Soil KKKKNS3 278209 42.9
Dilution Factor Aroclor 1016	17	- U	U	· U	ี บ	<u> </u>	U	, n	U	n n	U
Aroclor 1221	47	U	U	C	Ų	U	U	U	U	UJ	U
Aroclor 1232	27	U	Ü	Ú	U	U	U	U	U	UJ	· U
Aroclor 1242	17	U	Ü	U	U	U	U	U	U	UJ	. U
Aroclor 1248	20	U	Ü	U	U	U	U	U	U	UJ	U
Aroclor 1254	23	3700	980	5400	. 190	180	3600	R	4900	2800 J	6100
Aroclor 1260	27	U	U	U	U	U	U	U	U	υJ	U

U - non-detected compound

J - estimated value

R - unusable result

Project: Cornell-Dubilier Electronics

Sampling Date: December 3, 1997

PCBs Low Concentration Percent Moisture Dilution Factor	Method Detection Limit	Soil KKKKND1 278210 50.29 10	Soil KKKKND2 278211 45.01 5	Soil LLLLNS1 278212 31.79 1	Soil LLLLNS2 278213 38.03 1	Soil LLLLND1 278214 45.9 10	Soil LLLLND2 278215 61,31 10	Soil MMMMNS1 278216 23.82 1	Soil MMMMNS2 278217 16.26 1	Soil MMMMND1 278218 28.9 5	Soil MMMMND2 278219 49.8 5
Aroclor 1016	17	UJ	Ū	U.	Ú	U	J	· U	U	U	U
Aroclor 1221	47	UJ	U	U	C	U	J	U	U	. U	U
Aroclor 1232	27	UJ	U	U	U	U	UJ	U	U	U	U
Aroclor 1242	17	UJ	U	U	U	U	υJ	U	U	U	··U
Aroclor 1248	20	UJ	2800 ປັ	U,	U	U	UJ	U	U	U	· U
Aroclor 1254	23	12000 J	5800 J	2300 ქ	1700 Ĵ	7800	15000 J	2200 J	1400	3000	5100
Aroclor 1260	27	UJ	U	U	U	U	UJ	U	U	U	U

U - non-detected compound J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 3, 1997

Outhpuing -								0.3	Soil	Soil	Soil
PCBs Low Concentration Percent Moisture	Method Detection Limit	Soil NNNNNS1 278220 43.1	Soil NNNNNS2 278221 37.38	Soil NNNNNS3 278222 38.97 5	Soil NNNNND1 278223 45.51 1	Soil NNNNND2 278224 35.87	Soil OOOONS1 278225 16.32 1	Soil 0000NS2 278226 31.36 5	0000ND1 278227 37.62 5	OOOOND2 278228 42.9 10	PPPPNS1 278229 27.3 5
Dilution Factor		3	<del></del>	7.11	U	U	U_	U		<u>-</u>	U
Aroclor 1016	17	U	<u> </u>		11	TI TI	U	U	U	<u> </u>	<del></del>
Aroclor 1221	47	U	U	<u> </u>		Ü	U	U	U	<u> </u>	<del></del>
Aroclor 1232	27	U	UU	U		- 11	U	U	U_	U	<u> </u>
Aroclor 1242	17	U	U	U	<del></del>	<del>                                     </del>	1 1	U	U	l U	2000
Aroclor 1248	20	U	U	l U	2000 1	320	1600 년	3200	3500	12000	3600
Aroclor 1254	23	4300	4600	4100	2800 J	320	1000 0	Ü	U	U	<u> </u>
Aroclor 1254	27	U	U	U	UU_	<u> </u>	J	<u> </u>			

U - non-detected compound

J - estimated value

Sampling Date: December 3 - 4, 1997

PCBs	Method	Soil PPPPNS2	Soil PPPPND1	Soil PPPPND2	Soil QQQQNS1	Soil QQQQNS2	Soil QQQQNS3	Soil QQQQND1 278236	Soil QQQQND2 278237	Soil KKKKSED(S) 278370	Soil KKKKSED(D) 278371
Low Concentration			278231	278232	278233 31.52	278234 30.15	278235 30.54	53.78	62.08	62.6	32.8
Percent Moisture	Limit	41.81 10	36.35 1	46.77 10	5	. 5	5	10	10	20	10
Dilution Factor Aroclor 1016	17	U	· U	Ü	U	Ü	U	UJ	UJ	0.3	i i
Aroclor 1221	47	U	Ü	U	U	U II	U	0 3	<u> </u>	UJ	U
Aroclor 1232	27	U	U	U	U	Ü	Ü	υJ	UJ	UJ	U
Aroclor 1242 Aroclor 1248	20	<del>U</del> <del>U</del>	Ü	Ü	Ü	U	U	U J	12000 J	22000 J	12000
Aroclor 1254	23	5800	2000 J	6400	4100	4000	4100	11000 J U J	12000 J	<del></del>	<del> </del>
Araclar 1260	27	U	U	<u>U</u>	1	1	<u> </u>		I		

U - non-detected compound - ... J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 4, 1997

Sampling Date. I	Decembe	,			Soil	Soil	Soil	Soil	Soil	Soil	Soil
PCBs Low Concentration Percent Moisture	Method Detection Limit	Soil LLLLSED(S) 278372 34.4	Soil LLLLSED(D) 278373 32.53	Soil NNNNSED(S) 278374 39.81			NNNNSD1 278377 33.98 10	NNNNSS2 278378 45.36 1	278379 25.24 1	278380 40.0	OOOOSED(D) 278381 31.5 1
Dilution Factor	47	1 1	<del>                                     </del>	<u>'</u>	U	U	U	U	U U	U	U
Aroclor 1016 Aroclor 1221	47	<del>                                     </del>	Ü	U	U	U	<del></del>	<del>                                     </del>	Ü	Ü	U
Aroclor 1232	27	U	U	U	11	<del>U</del>	Ü	U	U	U	- U
Aroclor 1242	17	U	<del>                                     </del>	<del>U</del>	Ü	U	U	2300 3	1600 J	110	130
Aroclor 1248	20	590	66 J	430	Ū	4500	7100	2300 J	U 1		UJ
Aroclor 1254	27	1 03	บ ฆ	Uí	UJ	1	1	1			

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 4, 1997

PCBs Low Concentration Percent Moisture Dilution Factor	Method Detection Limit	Soil OOOOSS1 278382 18.63 1	Soil OOOOSD1 278383 53.72 1	Soil OOOOSS2 278384 26.85 1	Soil OOOOSD2 278385 29.63 1	Soil OOOOSS3 278386 17.09	Soil PPPPSED(S) 278387 41.78 1	Soil PPPPSED(D) 278388 14.84 1	Soil PPPPSS1 278389 33.64 1	Soil PPPPSD1 278390 38.92 1	Soil PPPPSS2 278391 36.1 1
Aroclor 1016	17	U	UJ	U	U	Ü	U	U	U	U	U
Aroclor 1221	47	Ú	UJ	U	U	U	U	U	U	U	U
Aroclor 1232	27	U	UJ	U	U	Ü	U	U	U	Ų	U
Aroclor 1242	17	U	UJ	U	Ú	U	U	U	U	, U	U
Aroclor 1248	20	U	UJ	U	Ü	U	U	U	U	U	U
Aroclor 1254	23	1400	2400 J	2200 ∫	260	1500	U	U	980 J	1500	1400
Aroclor 1260	27	Üΰ	U J	υJ	υĴ	t U	UJ	UJ	770 J	U	U

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 4, 1997

PCBs Low Concentration Percent Moisture Dilution Factor	Method Detection Limit		Soil QQQQSED(S) 278393 44.69	Soil QQQQSED(D) 278394 24.78	Soil QQQQSS1 278395 15.51	Soil QQQQSD1 278396 38.12	Soil QQQSS2 278397 11.87	Soil QQQSD2 278398 24.43	Soil RRRRSED(S) 278399 20.75 1	Soil RRRRSED(D) 278400 22.06 1	Soil RRRRNS1 278401 52.9 1
Aroclor 1016	17	<u> </u>	, U	<del>' ن</del>	' U	, O	U U	U:3	· U	Ü	UJ
Aroclor 1221	47	U	U	U	U	U	U	U	U	U	UJ
Aroclor 1232	27	U	U	U	U	U	U	U	U	U	UJ
Aroclor 1242	17	U	U	U	U	U	J	U	U_	U	UJ
Aroclor 1248	20	U	Ü	U	U	U	U	U	U	· U	UJ
Aroclor 1254	23	370 Ú	980	440	1700 ป	2700 ቻ	690	2700	160	940	980 J
Aroclor 1260	27	390 র্থ	U	U	U	Ü	U	1 03	U	U	UJ

U - non-detected compound

J - estimated value

**Project: Cornell-Dubilier Electronics** 

Sampling Date: December 4, 1997

		Soil	Soil	Soil							
PCBs	Method	RRRRND1	RRRRNS2	RRRRND2	RRRRSS1	RRRRSS2	RRRRSD2	RRRRNS3	SSSSSED(S)	SSSSSED(D)	SSSSNS1
Low Concentration	Detection	278402	278403	278404	278405	278406	278407	278408	278409	278410	278411
Percent Moisture	Limit	20.15	55.62	51.68	45.21	31.88	27.68	51.23	27.32	26.46	19.49
Dilution Factor		1	1	1	10	1	1	. 1	11	11	1 '
Aroclor 1016	17 -	UJ	UJ	ΠJ	UJ	U	U	J	٦	U	บป
Aroclor 1221	47	UJ	UJ	UJ	U	U	U	ר ט	U	U	U
Aroclor 1232	27	UJ	UJ	UJ	Ü	Ü	U	ט	U	Ü	<u> </u>
Aroclor 1242	17	UJ	UĴ	UJ	U	U	U	ט	U	U	U
Aroclor 1248	20	730 J	UJ	590 J	U	U	U	UJ	U	· U	U
Aroclor 1254	23	1700 J	1100 J	2100 J	8600	530 ປ່,	840 ਤੀ	1100 J	190	360	390
Aroclor 1260	27	UJ	UJ	υJ	. U 1	450 J	400 ປັ	UJ	U	U	U <u> </u>

U - non-detected compound

J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 4, 1997

PCBs Low Concentration	Method Detection	Soil SSSSND1 278412	Soil SSSSNS2 278426	Soil SSSSND2 278427	Soil SSSSSS1 278428	Soil SSSSSD1 278429	Soil SSSSSS2 278430	Soil SSSSSD2 278431	Soil TTTTSED(S) 278432	Soil TTTTSED(D) 278433	Soil TTTTNS1 278434
Percent Moisture	Limit	18.72	25.91	15.79	32.32	56.81	31.97	46.2	62.94	48.80	51.12
Dilution Factor		1.	1	1 ,	1	5	1	11	1	5	11
Aroclor 1016	17	UÚ	UĴ	UĴ	UJ	UJ	υJ	υď	Ŋ	U	ŲJ
Aroclor 1221	47	C	U	U	U	UJ	U	5	UJ	U	UJ
Aroclor 1232	27	U	U	U	U	UJ	· U	٦	J	U	UJ
Aroclor 1242	17	U	U	U	U	UJ	U	J	2	U	UJ
Aroclor 1248	20	U	U	U	U	UJ	U	J	U	U	UJ
Aroclor 1254	23	32 J	180	34 J	1400	5900 J	1400	1500	1600 J	4000	540 J
Aroclor 1260	27	U/J	UΊ	ΠĄ	υJ	UJ	ΠĄ	υU	J	U	UJ

U - non-detected compound

J - estimated value

roject: Cornell-Dubilier Electronics

Sample Concentration (µg/Kg)

Project: Comeil-Dubinor		Soil Soil Soil
Soil   Soil   TTTTNS2   Soil   TTTTNS2   Soil   TTTTNS2   Soil   Soil	Soil   Soil   Soil   TTTTSD1   TTTTSS2   278439   278440   278438   278439   31.33	Soil   TTTTTNS3   UUUUUSED(S)   UUUUSED(D)   TTTTTNS3   278444   278444   278444   25.65   30.98   1   1   1   1   1   1   1   1   1

U - non-detected compound

Aroclor 1260

J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 4, 1997

## Sample Concentration (µg/Kg)

		Soil	Soil								
PCBs	Method	UUUUNS1	UUUUND1	UUUUNS2	UUUUND2	UUUUSS1	UUUUSD1	UUUUSS2	UUUUSD2	VVVVSED(S)	VVVVSED(D)
Low Concentration	Detection	278445	278446	278447	278448	278449	278450	278451	278452	278453	278454
Percent Moisture	Limit	23.06	13.99	8.43	6.88	49.91	37.15	41.39	58.51	21.35	18.99
Dilution Factor		1	1	1	1	1	5	1	5	1	1
Aroclor 1016	17	U	U	U	U	U	U	U	UJ	Ü	U
Aroclor 1221	47	U	U	U	U	U	Ü	Ū	ÜĴ	Ü	Ü
Aroclor 1232	27	U	Ú	U	U	U	U	Ü	ÜĴ	Ū	Ū
Aroclor 1242	17	U	U	U	U	U	U	Ū	ÜĴ	Ū	i i
Aroclor 1248	20	U	U	Ü	C	U	U	· Ū	UJ	Ü	Ū
Aroclor 1254	23	320	U	U	U	1900	5200	1900	7000 J	Ü	Ü
Aroclor 1260	27	U	Ü	U	U	U	U	U	UJ	U	Ū

U - non-detected compound

J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 4, 1997

PCBs Low Concentration Percent Moisture	Method Detection Limit	Soil VVVVNS1 278455 47.57	Soil VVVVND1 278456 27.52	Soil VVVVNS2 278457 46,89	Soil VVVVND2 278458 42.99	Soil VVVVSS1 278459 54.8	Soil VVVVSS2 278460 42.46	Soil VVVVSD2 278461 61.67	Soil VVVVNS3 278462 47.47	Soil MMMMSED(S) 278464 20.26	Soil MMMMSED(D) 278465 14.15
Dilution Factor		1.	1	1	5	1	1	1	11	11	1
Aroclor 1016	17	U	U	U	U	UJ	U	UJ	U	U	U
Aroclor 1221	47	U	U	U	U	UJ	U	UJ	U	U	U
Aroclor 1232	27	U	U	U	U	UJ	U	UJ	U	U	U
Aroclor 1242	17	U	Ü	U	U	ΠJ	U	UJ	U	Ų	U
Aroclor 1248	20	U	U	U	U	υJ	U	U	U_	U	U
Aroclor 1254	23	1700	950	2000	4600	1600 J	2400 ปั	ŋ	1400	59	U
Aroclor 1260	27	U	U	U	U	UJ	U	UJ	U	U	U

U - non-detected compound

J - estimated value

Project: Cornell-Dubilier Electronics

Sampling Date: December 3 - 4, 1997

# Sample Concentration (µg/L)

		Water	Water
PCBs	Method	RB-1	RB-2
Low Concentration	Detection	278238	278463
Percent Moisture	Limit	-	-
Dilution Factor		1	1
Aroclor 1016	0.5	U	U
Aroclor 1221	1.4	U	U
Aroclor 1232	0.8	U	U
Aroclor 1242	0.5	U	U
Aroclor 1248	0.6	U	U
Aroclor 1254	0.7	U	U
Aroclor 1260	. 0.8	U	U .

U - non-detected compound

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278120

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: Sampled by: At lab date:

CCCCNS1 12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7390 12/05/97 30g

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/08/97

Sample Moisture:

50ml 28.18%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG			
				•			
Aroclor-1016	Ŭ	υ τ	230	120			
Aroclor-1221	Ŭ	U	460	320			
Aroclor-1232	· U	U	230	180			
Aroclor-1242	U	U	230	120			
Aroclor-1248	Ū	ŢŢ .	230	140			
Aroclor-1254	4600- UNO	τī	230	160			
Aroclor-1260	U	ŭ	230	180			

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376

US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278121

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

CCCCNS2 12/03/97 Customer

Sampled by: At lab date:

Aroclor-1248

Aroclor-1254

Aroclor-1260

12/04/97 SOIL

Matrix:

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7390 12/05/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/08/97

150

170

200

50ml 32.5%/

250

250

250

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT T.TMTT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 TT U 250 120 Aroclor-1221 U U 490 340 Aroclor-1232 U U 250 200 Aroclor-1242 U U 250 120

U

U

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

U

4100

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278122

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: CCCCN\$3 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

Extraction date:

QPC7390 12/05/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/08/97

50ml 27.49% Sample Moisture:

30g Weight/Volume: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	ប ប ប ប 3900 / ບ	บ บ บ บ	230 460 230 230 230 230 230	110 320 180 110 140 160

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. B:

ND: Not Determined.

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 24, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278123

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: CCCCND1 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

Extraction date: Weight/Volume: Dilution Factor:

OPC7390 12/05/97

30g

Column used: Analysis date: Final Volume:

12/08/97 Sample Moisture:

DB 1701/DB 608

-2/00/2	, ,
Oml	
6.34%	

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
			·	
Aroclor-1016	Ŭ	Ŭ	45	23
Aroclor-1221	บ	Ŭ	90	63
Aroclor-1232	Ū	ซ	45	36
Aroclor-1242	Ū	ប	45	23
Aroclor-1248	Ū /	<b>U</b> .	45	27
Aroclor-1254	640 /	Ū	45	32
Aroclor-1260	ับ	ŭ	45	36

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278124

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: CCCCND2

Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7390 12/05/97

Column used:

DB 1701/DB 608 12/08/97

Extraction date: Weight/Volume: Dilution Factor:

30g 10

Analysis date: Final Volume: Sample Moisture:

100ml 32.38% /

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG		
Aroclor-1016	្ត	U	490	250		
Aroclor-1221	ĬĬ .	· · · · · · · · · · · · · · · · · · ·	980	690		
Aroclor-1232	Ü	ŭ	490	390		
Aroclor-1242	บั	Ü	490	250		
Aroclor-1248	<b>Ŭ</b> .	Ŭ	490	300		
Aroclor-1254	11000 /	บั	490	340		
Aroclor-1260	υ ,	U	490	390		

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278125

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: CCCCSS1 12/03/97 Sampled by: Customer At lab date: 12/04/97 SOIL Matrix:

Batch #:

QPC7390 12/05/97 Column used:

DB 1701/DB 608 12/08/97

Extraction date: Weight/Volume:

30g

Analysis date: Final Volume:

10ml 26.41%

Dilution Factor:

Sample Moisture:

			· ·		
ANALYTE	E NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor Aroclor Aroclor Aroclor Aroclor	1221 1232 1242 1248 1254	U U U U U 140	ប ប ប ប ប	45 90 45 45 45	23 63 36 23 27
Aroclor	-1260	υ	υ	45	36

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the Pgh Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

2/8126
ROY F. WESTON, INC.
Sample source: RFP#2272
Sample ID: CCCCecc
Sample 3: Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date:

ANALYTE NAME

Aroclor-1016 Aroclor-1221

Aroclor-1232 Aroclor-1242

Aroclor-1248

Aroclor-1254

Aroclor-1260

QPC7390 12/05/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608

33

12/08/97 10ml 20.22% /

Weight/Volume: Dilution Factor: 30g

RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
TT	ΤT	42	21	
Ü	Ü	84	58	
Ū	Ū	42	33	
U	ប	42	21	
U	U ,	42	25	

42

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. B:

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278127

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: CCCCSD1 Sample date: Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7390 12/05/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/08/97

10ml Sample Moisture: 47.18

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U 1300 /	0 0 0 0 0 0	63 130 63 63 63 63	32 88 50 32 38 44

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278128

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: CCCCSD2

Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

Batch #:

QPC7390

Column used:

DB 1701/DB 608 12/08/97

Extraction date: Weight/Volume: Dilution Factor: 12/05/97 30g

Analysis date: Final Volume: Sample Moisture:

10ml 21.25% /

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
			·	
Aroclor-1016	ט	U .	42	21
Aroclor-1221	U	U .	85	59
Aroclor-1232	ប	U	42	34
Aroclor-1242	υ	U	42	21
Aroclor-1248	Ū	υ	42	25
Aroclor-1254	460	U	42	30
Aroclor-1260	Ŭ	Ū	42	34

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278129

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

DDDDNS1

Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7390 12/05/97 Column used:

DB 1701/DB 608 12/08/97

Extraction date: Weight/Volume: Dilution Factor: 30g 10

Analysis date: Final Volume: Sample Moisture:

100ml 28.27%

460

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	υ	ប	460	230
Aroclor-1221	υ	Ü	930	650
Aroclor-1232	U	U	460	370
Aroclor-1242	<b>U</b> .	U	460	230
Aroclor-1248	บ	υ	460	280
Aroclor-1254	7500 ′	ָּט ֹ	460	320
<del></del>				

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Aroclor-1260

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278130

Client:

ROY F. WESTON, INC.

10

Sample source: RFP#2272 DDDDNS2 Sample ID: Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix:

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7390 12/05/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/08/97

100ml 28.9%/

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	**	**	450	220
Aroclor-1016	Ŭ	ប	470	230
Aroclor-1221	Ŭ	ប	940	660
Aroclor-1232	U	υ	470	380
Aroclor-1242	Ŭ	υ	470	230
Aroclor-1248	Ū	ប	470	280
Aroclor-1254	5400 /	. <b>Ŭ</b>	470	330
Aroclor-1260	Ū	บั	470	380

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY (DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278131

SOIL

Client:

Matrix:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: DDDDND1 12/03/97 Sampled by: Customer At lab date: 12/04/97

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7390 12/05/97 30g 20

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/08/97 200m) 50% /

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U J U U 26000 2800	o 1 0	1300 2700 1300 1300 1300 1300	670 1900 1100 670 800 930

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

- Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278132

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

DDDDND2 12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7390 12/05/97 30g

10

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/08/97

100ml 37.79% Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	<u> </u>			
Aroclor-1016	Ŭ	Ŭ	540	270
Aroclor-1221	Ŭ	Ŭ	1100	750
Aroclor-1232	Ü	Ū	540	430
Aroclor-1242	Ū	U .	540	270
Aroclor-1248	Ü	U	540	320
Aroclor-1254	8200 /	ប	540	380
Aroclor-1260	บ	Ŭ	540	430

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278133

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: DDDDSS1 Sample date:

12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: OPC7390 **1**2/05/97 30g 10

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/08/97

100ml Sample Moisture: 28.91%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
_				
Aroclor-1016	Ŭ	Ŭ	470	230
Aroclor-1221	Ŭ	Ū	940	660
Aroclor-1232	U	υ	470	380
Aroclor-1242	บั	ប	470	230
Aroclor-1248	· Ū	Ū	470	280
Aroclor-1254	6800/	Ū	470	330
Aroclor-1260	Ü	Ū	470	380

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376
US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278134

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

DDDDSS2

Sample date:

12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #:

QPC7390

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

12/05/97

Analysis date: Final Volume:

12/08/97 10ml

Dilution Factor:

30g

Sample Moisture:

23.95%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ū	U	44	22
Aroclor-1221	Ū	Ü.	88	61
Aroclor-1232	Ū	Ŭ	44	35
Aroclor-1242	Ū	U	44	22
Aroclor-1248	U ,	Ū	44	26
Aroclor-1254	• 96 /	U	44	31
Aroclor-1260	υ˙	U	44	35

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank or well as the J:

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278135

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

DDDDSD1

Sample date:

12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOTT.

Batch #:

ANALYTE NAME

Aroclor-1016

Aroclor-1221

Aroclor-1232

Aroclor-1242

Aroclor-1248

Aroclor-1254

Aroclor-1260

QPC7390

Column used: Analysis date:

U

DB 1701/DB 608 12/08/97

Extraction date: Weight/Volume:

12/05/97

Final Volume: Sample Moisture: 18.6%

10ml

41

Dilution Factor:

30g

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT UG/KG UG/KG UG/KG UG/KG U 20 U U 82 57 U TT 41 33 U U 41 20 U U 41 24 120 IJ 41 29

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 10, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278136

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: DDDDSD2 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

OPC7390 12/05/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/08/97

10ml 26.9%

Extraction date: Weight/Volume: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ττ	<b>U</b> , .	46	23
Aroclor-1221	บั	ŭ	91	64
Aroclor-1232	Ŭ	Ū	46	36
Aroclor-1242	U	υ	46	23
Aroclor-1248	Ŭ /	ប	46	27
Aroclor-1254	310 /	U ·	46	32
Aroclor-1260	Ŭ	U	46	36

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

**DECEMBER 16, 1997** 

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278137

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: EEEENS1 Sample date:

Aroclor-1242

Aroclor-1248

Aroclor-1254

Aroclor-1260

12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7391 12/06/97 30g

Column used:

DB 1701/DB 608 12/10/97

21

25

29

34

Analysis date: Final Volume: 10ml Sample Moisture: 20.55%

42

42

42

42

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	บ	บ	42	21	
Aroclor-1221	บ	บ	84	59	
Aroclor-1232	บ	บ	42	34	

U

U

U

TT

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J: specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. B:

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278138

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

EEEENS2

Sample date: Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7391 12/06/97 Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

30g

Analysis date: Final Volume: Sample Moisture: 12/10/97 10ml 11.45%

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ บ บ บ บ	บ บ บ บ	38 75 38 38 38 38 38	19 53 30 19 22 26 30	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

**DECEMBER 16, 1997** 

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278139

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

EEEENS3

Sampled by:

12/03/97 Customer

At lab date:

12/04/97 SOIL

Matrix:

Batch #: Extraction date: Weight/Volume:

QPC7391 12/06/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/10/97 10ml

19.51%

Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	IT	TT .	41	21
Aroclor-1221	ŭ	Ü	83	58
Aroclor-1232	Ŭ	บั	41	33
Aroclor-1242	U	<b>U</b> ,	41	21
Aroclor-1248	Ŭ /	Ü	41	25
Aroclor-1254	1100	U	41	29
Aroclor-1260	Ŭ	Ū	41	33 .

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278140

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: EEEEND1 Sample date:

12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7391 12/06/97 Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/10/97

10ml

30g Dilution Factor: Sample Moisture: 23.73%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
		••		
Aroclor-1016	Ŭ	Ŭ	44	,22
Aroclor-1221	ש	Ŭ	87	61
Aroclor-1232	Ŭ	U	44	35
Aroclor-1242	υ	υ.	44	22
Aroclor-1248	Ŭ 🕳	บ	44	26
Aroclor-1254	1800 🖈	υ .	44	30
Aroclor-1260	U ~	U	44	35

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab ...-

# PCB Results Analysis by Gas Chromatography

Lab Number:

278141

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

EEEEND2 12/03/97

Sampled by:

Customer

At lab date: Matrix:

12/04/97

SOIL

Batch #: Extraction date: QPC7391 12/06/97

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/10/97 10ml 19.72%

Weight/Volume: Dilution Factor: 30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	,	,		
Aroclor-1016	<b>ט</b> ַ	Ŭ	42	21
Aroclor-1221	U	U	83	58
Aroclor-1232	U .	U .	42	<sub>&gt;</sub> 33
Aroclor-1242	Ū	U	42	21
Aroclor-1248	Ū	Ū ·	42	25
Aroclor-1254	Ū	Ū,	42	29
Aroclor-1260	บั	Ŭ .	42	33

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278142

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

EEEESS1

Sampled by: At lab date: 12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7391 12/06/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/11/97

50ml Sample Moisture: 24.6%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
American 1016		<b>T</b> '	220	110
Aroclor-1016	ŭ	U	220	110
Aroclor-1221	Ŭ	Ŭ	440	310
Aroclor-1232	U ·	ប	220	180
Aroclor-1242	U	Ŭ	220	110
Aroclor-1248	<b>U</b> /	υ˙	220	130
Aroclor-1254	4500/	U	220	150
Aroclor-1260	Ü	Ū.	220	180

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. J:

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278143

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: EEEESS2

Sampled by: At lab date: 12/03/97 Customer 12/04/97

Matrix:

SOTT.

Batch #:

OPC7391 12/06/97 Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/11/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Sample Moisture:

50ml 23.54%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
			,	,
Aroclor-1016	· <b>U</b>	Ŭ	220	110
Aroclor-1221	Ŭ	Ū	440	300
Aroclor-1232	ប	. <b>U</b>	220	170
Aroclor-1242	ŭ	U	220	110
Aroclor-1248	Ŭ	⊹ਧ	220	130
Aroclor-1254	5200 /	U	220	150
Aroclor-1260	<u> </u>	Ū	220	170

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278144

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: EEEESD1 12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7391 12/06/97

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/11/97

Weight/Volume: Dilution Factor: 30g

Sample Moisture:

50ml 42.17%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	Ŭ	290 ·	140
Aroclor-1221	บ	U	580	400
Aroclor-1232	Ŭ	U	290	230
Aroclor-1242	Ū	U	290	140
Aroclor-1248	Ū /	Ū.	290	170
Aroclor-1254	4000	Ū	290	200
Aroclor-1260	Ū	Ŭ ·	290	230

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

10

Sample source: RFP#2272
Sample ID: EEEEBDO
Sample ID: EEEBBDO Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7391 12/06/97 30g

Column used:

DB 1701/DB 608 12/11/97

Analysis date: Final Volume: Sample Moisture:

100ml 25.14%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
_				
Aroclor-1016	Ŭ	Ū	440	220
Aroclor-1221	U	<b>U</b> .	890	620
Aroclor-1232	U	U	440	360
Aroclor-1242	Ū	Ū	440	220
Aroclor-1248	Ŭ	Ū	440	270
Aroclor-1254	7900 /	τī	440	310
Aroclor-1260	Ü	บั	440	360

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278146

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: FFFFSS1 Sample date:

12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date:

QPC7391 12/06/97

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/11/97

50ml 46.79%

Weight/Volume: 30g Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	Ŭ	310	160
Aroclor-1221	Ū	บ	630	440
Aroclor-1232	Ü	ប	310	250
Aroclor-1242	Ū	Ū	310	160
Aroclor-1248	<b>U</b> /	ซ	310	190
Aroclor-1254	4400	υ	. 310	220
Aroclur-1260	ับ	Ū	310	250

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the J:

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278147

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: FFFFSS2 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Weight/Volume:

Dilution Factor:

Batch #: Extraction date: QPC7391 12/06/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/11/97

50ml Sample Moisture: 41.14%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1250	U U U U 5300	บ บ บ บ บ	280 570 280 280 280 280 280	140 400 230 140 170 200 230

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 -- US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278148

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: FFFFSD1

Sample date:

12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7391 12/06/97 Column used: Analysis date: Final Volume:

DB 1701/DB 608

12/11/97 100ml

Weight/Volume: Dilution Factor: 30g

**/61.63**% Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	נ ס	U	870	430
Aroclor-1221	Ü,	U	1700	1200
Aroclor-1232	. <b>u</b>	U	870	690
Aroclor-1242	Ū	U	870	430
Aroclor-1248	Ū	Ū	870	520
Aroclor-1254	16000	Ū	870	610
Aroclor-1260	U	บั	870	690

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278149

Client: Sample source: RFP#2272

ROY F. WESTON, INC.

Sample ID: Sample date:

FFFFSD2

Sampled by:

12/03/97 Customer

At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7391 12/06/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/11/97

100ml 158.58%

Weight/Volume: Dilution Factor: 30g 10

Sample Moisture:

ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016		ט ל	υ	800	400
Aroclor-1221		U,	Ŭ	1600	1100
Aroclor-1232		Ū	: ប	800	640
Aroclor-1242	4	U	Ŭ	800	400
Aroclor-1248		ע ו	บ	800	480
Aroclor-1254		13000	U	800	560
Aroclor-1260		U	U	800	640

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278150 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

FFFFNS1 12/03/97 Customer

At lab date: Matrix:

12/04/97 SOIL

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7391 **1**2/06/97 30g

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/11/97

50ml Sample Moisture: 44.36%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ט	Ü.	300	150
Aroclor-1221	U	Ŭ	600	420
Aroclor-1232	ש	ប	300	240
Aroclor-1242	Ŭ	ប	300	150
Aroclor-1248	U /	U	300	180
Aroclor-1254	4300	ប	300	210
Aroclor-1260	Ū	Ŭ	300	240

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 .US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278151

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: FFFFNS2 Sample date: 12/03/97 Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7391 12/06/97 30g

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/11/97

10ml 21.74%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	<b>ט</b>	ប	42	21
Aroclor-1221	U	ט	85 .	60
Aroclor-1232	U ·	ប	42	34
Aroclor-1242	U	υ	42	21
Aroclor-1248	υ.	U	42	26
Aroclor-1254	780/	Ū	42	30
Aroclor-1260	Ū	Ü	42	34

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278152

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

FFFFND1 12/03/97 Customer

Sampled by: At lab date: Matrix:

ANALYTE NAME

Aroclor-1016

Aroclor-1221

Aroclor-1232

Aroclor-1242

Aroclor-1248

Aroclor-1254

Aroclor-1260

12/04/97 SOIL

Batch #: Extraction date: QPC7391 12/06/97 Column used: Analysis date: Final Volume:

U

DB 1701/DB 608 12/11/97

34

10ml 22.53%

Weight/Volume: Dilution Factor: 30g

Sample Moisture:

PRACTICAL METHOD MINIMUM BLANK QUANTITATION DETECTION RESULT LIMIT LIMIT UG/KG UG/KG UG/KG 22 43 U U 86 60 U 43 34 U 22 43 U 43 26 30 U 43

43

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

RESULT

UG/KG

U

U

U

U

U

U

400/

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

- Certified for: NJ, PA, DE, CT, NY(DOH)
-NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

2/8153
ROY F. WESTON, INC.
Sample source: RFP#2272
Sample ID: FFFFND?
Sample 300 Sample date: Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7391 12/06/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/11/97

10ml 19.41%

,	• •					
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG		
Aroclor-1016	υ	ប	41	21		
Aroclor-1221	ប	ប	83	58		
Aroclor-1232	Ü	υ	41	33		
Aroclor-1242	Ŭ	ប	41	21		
Aroclor-1248	υ /	U	41	25		
Aroclor-1254	240	ŭ	41	29		
Aroclor-1260	Ū	Ŭ	41	33		

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. Not Determined.

ND: Not Determined.

AMÉNDED TITLE MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278154

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

GGGGNS1

Sample date: Sampled by: At lab date:

12/03/97 Customer

Matrix:

12/04/97 SOIL

Batch #: Extraction date: Weight/Volume:

QPC7392 12/06/97

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/08/97

10ml 31.63%

Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
	·				
Aroclor-1016	U .	Ü	49	24	
Aroclor-1221	· U	บ	98	68	
Aroclor-1232	U	ប	49	39	
Aroclor-1242	TT .	. TT	49	24	
Aroclor-1248	$\ddot{u}\mathcal{J}$	ττ .	_ <u>-</u>	,	
	~ ~ ~	U	49	29	
Aroclor-1254	2000 🕽	U.	49	34	
Aroclor-1260	Ū	U	49	39	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

MAY 2 8 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Sample source: RFP#2272
Sample ID: GGGGNS2
Sample date: 12/03/97
Sampled by: Sampled by: At lab date:

Customer

Matrix:

12/04/97 SOIL

Batch #: Extraction date: QPC7392 12/06/97

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/08/97

10ml 33.39%

Weight/Volume: Dilution Factor:

30g .1

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	770 170 170	บ บ บ บ บ	50 100 50 50 50 50 50	25 70 40 25 30 35

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED PErijik MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 973-584-0330, FAX: 973-584-0515 MAY 26, 1998 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Sample source: RFP#2272
Sample ID: GGGGMG7 Sample date:

Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7392 12/06/97

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/08/97

10ml 31.83%

Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	1800 1800 1800	u u u u u u	49 98 49 49 49 49	24 68 39 24 29 34 39

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

MAY 2 9 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

Certified for: NJ, PA, DE, CT, NY(DOH) 973-584-0330, FAX: 973-584-0515 NJ #14116 NY #11376 MAY 26, 1998 US EPA CLP Lab

> PCB Results Analysis by Gas Chromatography

Lab Number:

278157

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: GGGGND1 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOIL

Batch #:

Aroclor-1260

QPC7392

Column used:

DB 1701/DB 608 12/10/97

Extraction date: Weight/Volume: Dilution Factor: 12/06/97 30g 10

Analysis date: Final Volume: Sample Moisture:

100ml 37.3%

530

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	ii	TT	530	260	
Aroclor-1010 Aroclor-1221	<b>ຫ</b> :	n O	1100	260 740	
Aroclor-1232	Ŭ ·	Ŭ	530	420	
Aroclor-1242	υ <b></b> .	Ū	530	260	
Aroclor-1248	U	ប	530	320	
Aroclor-1254	5300 4190	υ.	530	370	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED PERCET MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278158

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: GGGGND2

Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7392 12/06/97 30g

10

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/10/97

100ml 51.42%

ANALYTE NAMÉ		RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Α,	ט ר	บ	690	340
Aroclor-1221		υ,	ΰ	1400	960
Aroclor-1232		ט	Ŭ	690	550
Aroclor-1242		ט !	Ŭ	690	340
Aroclor-1248		ט .	υ.	690	410
Aroclor-1254	12000	11000	Ŭ	690	480
Aroclor-1260		υ 🚺	U	690	550

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)

NJ #14116 NY #11376
US EPA CT D T US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278159

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

GGGGSS1 12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7392 12/06/97

Column used: Analysis date: Final Volume: DB 1701/DB 608

12/09/97 10ml

45.17%

Weight/Volume: Dilution Factor: 30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	и и и и 1300 и	0 0 0 0 0	61 120 61 61 61 61	30 85 49 30 36 42 49	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value U: meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

HAVET LED REPORT LMAY 2/3/1998 -

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278160

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

GGGGSS2

Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: QPC7392 12/06/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/09/97

-10mI

55.31%

Dilution Factor:

30g

Sample Moisture:

			<del></del>		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	υJ	Ū	74	37	
Aroclor-1221	υ ,	U .	150	100	
Aroclor-1232	<b>U</b>	Ū	74	60	
Aroclor-1242	U	U	74	37	
Aroclor-1248	ט	Ū	74	45	
Aroclor-1254	1400 (	υ	74	52	
Aroclor-1260	U 🐐	Ŭ	74	60	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

AMENDED HERDED -MAY 2 S 1998 Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376

US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278161 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

GGGGSD1 12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #:

Aroclor-1260

QPC7392 12/06/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/10/97

640

Extraction date: Weight/Volume: Dilution Factor:

30g 10 ·

Sample Moisture:

1-00mT ∕58.23%

800

ANALYTE NAME	RESULT	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	4			
Aroclor-1016	υJ	Ŭ	800	400
Aroclor-1221	ΰĺ	Ū	1600	1100
Aroclor-1232	<b>U</b>	υ	800	640
Aroclor-1242	υ	Ū	800	400
Aroclor-1248	7500 6750 J	Ü	800	480
Aroclor-1254	10000 9000 T	Ū.	800	560

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 2 8 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116\_NY #11376 US EPA CLP Lab

AMENDED REFORM

### PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278162

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: HHHHNS1 Sample date:

12/03/97 Customer

Sampled by: At lab date: Matrix:

12/04/97 SOIL

Batch #: Extraction date:

Weight/Volume:

Dilution Factor:

QPC7392 12/06/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/10/97

50ml 36.22%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232	U U	U U	260 520 260	130 360 210
Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	₩ 4 ₩ 2 3400 3400	บ บ บ	260 260 260 260 260	130 160 180 210

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDET BITTIE MAY 2 3 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278163

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

HHHHNS2 12/03/97

Customer 12/04/97 SOIL

At lab date: Matrix:

Batch #: Extraction date: QPC7392 12/06/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/09/97

10ml 36.84%

Weight/Volume: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	`
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U U U U U U U U U U U U U U U U	ט ט ט ט	53 100 53 53 53 53 53	26 74 42 26 32 37 42	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

MAY 2 2 100g

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

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### PCB Results Analysis by Gas Chromatography

Lab Number:

278164

Client:

ROY F. WESTON, INC.

30g

Sample source: RFP#2272 Sample ID: HHHHND1 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

Extraction date:

QPC7392 12/06/97

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/10/97

50ml 49.7%

Weight/Volume: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ប	Ü	330	160
Aroclor-1221	· Ŭ	Ū	660	460
Aroclor-1232	Ū	U ·	330	260
Aroclor-1242	Ŭ	U	330	160
Aroclor-1248	υ 🤾 🔭	n.	330	200
Aroclor-1254	4700° 5 500	U	330	230
Aroclor-1260	· U	Ŭ	330	260

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number: 278165 Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

HHHHND2 12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7392 12/06/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/10/97

200ml 43.31%

Weight/Volume: Dilution Factor:

30g 20

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	26000 58000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n n n n	1200 2400 1200 1200 1200 1200 1200	590 1600 940 590 700 820 940

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. U:

ND: Not Determined.

AMENDED REPORT MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278166

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

HHHHSS1

Sample date: Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7392 12/06/97

Column used:

DB 1701/DB 608 12/10/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Analysis date: Final Volume:

10ml Sample Moisture:

30.33%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	7 150 U	บ บ บ บ บ	48 96 48 48 48 48	24 67 38 24 29 33	-

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED DEPOST MAY 2 0 1998

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INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278167

ROY F. WESTON, INC.

Client: Sample source: RFP#2272

Sample ID: Sample date: HHHHSS2 12/03/97

Sampled by:

ANALYTE NAME

Aroclor-1232

Aroclor-1242

Aroclor-1248

Aroclor-1254

Aroclor-1260

\_\_\_\_\_\_ Aroclor-1016 Aroclor-1221

Customer

At lab date: Matrix:

12/04/97

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7392 12/06/97 Column used: Analysis date:

DB 1701/DB 608 12/09/97

RESULT

UG/KG

Final Volume:

10ml 32.88%

Dilution Factor:

30g

Sample Moisture:

TT

METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
U	. 50	25	
ť	99	70	
Ū .	50	40	
U	50	25	
Ū	50	30	

50

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U

U

U-

U J

200

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278168

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: HHHHSD1 Sample date: Sampled by:

12/03/97 Customer 12/04/97

At lab date: Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7392 12/06/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/09/97 10ml 30.57%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	· <b>U</b>	Ŭ	48	24	
Aroclor-1221	Ū	ប	96 ·	67	
Aroclor-1232	U	บ	48	38	
Aroclor-1242	σ	U	48	24	
Aroclor-1248	·U 🖑	U	48	29	
Aroclor-1254	720	Ū	48	34	
Aroclor-1260	Ū	Ŭ	48	38	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the POL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278169

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

HHHHSD2

Sample date: Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7392 12/06/97

Column used: Analysis date:

DB 1701/DB 608 12/09/97

Final Volume: Sample Moisture: 10ml 29.82%

weight/vo	lume:
Dilution	Factor:

_		,	ľ
3	0	g	
1		_	

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	ບ ບ ບ ບ ບ ປ 150	บ บ บ บ	47 95 47 47 47 47	24 66 38 24 28 33	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J: specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED AEAC an MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278170

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

IIIISS1

Sampled by: At lab date:

12/03/97 Customer

Matrix:

12/04/97 SOIL

Batch #:

QPC7392 12/06/97

Column used:

DB 1701/DB 608 12/09/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Analysis date: Final Volume: Sample Moisture:

10ml 19.33%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ บ บ บ บ บี 280 บ	ប ប ប ប	41 83 41 41 41 41	21 58 33 21 25 29

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT MAY 2 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278171

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: IIIISS2 Sample date:

12/03/97 Customer

Sampled by: At lab date: Matrix:

12/04/97 SOIL

Batch #: Extraction date: Weight/Volume:

QPC7392 **1**2/06/97

Column used: Analysis date:

DB 1701/DB 608 12/09/97

10ml 12.89%

30g Final Volume: Sample Moisture: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
_		•			
Aroclor-1016	Ŭ	Ŭ	38	19	
Aroclor-1221	ט	Ū	76	54	
Aroclor-1232	U	ប	38	31	
Aroclor-1242	Ü	ប	38	19	
Aroclor-1248	υJ	Ū	38	23	
Aroclor-1254	150 lb0	Ū.	38	27	
Aroclor-1260		Ü.	38	31	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED HERDE MAY 2 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278172

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: IIIISD1 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOIL

Batch #: Extraction date: QPC7392 12/06/97

Column used: DB 1701/DB 608 Analysis date: 12/09/97 Final Volume: 10ml

Sample Moisture: 14.42%

Weight/Volume: Dilution Factor:

30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ บ บ บ บ 79 บ	บ บ บ บ บ บ	39 78 39 39 39 39 39	19 54 31 19 23 27	-

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED PER Jam MAY 2-0 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278173

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: IIIISD2 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOTT.

Batch #:

QPC7392

Column used:

DB 1701/DB 608 12/09/97

Extraction date: Waight /Woluma.

12/06/97

Analysis date:

10ml 8.66%

Dilution Factor:	1	Sample Moisture:	8
·			
•		METHOD	PRA

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ū	π	36	18
Aroclor-1221	Ŭ	Ü	73	51
Aroclor-1232	. บั	Ū	36 .	29
Aroclor-1242	υ _	Ü .	36	18
Aroclor-1248	บ. 7	U	36	22
Aroclor-1254	່ ບັ	υ	. 36	26
Aroclor-1260	Ŭ	U	36	29

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMELIDED HERMITT MAY 2 J 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

278174 Lab Number:

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: IIIINS1 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7393 12/08/97 30g

1

Column used: Analysis date: Final Volume: Sample Moisture: 62:328

DB 1701/DB 608 12/09/97 10ml

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	υ	ט	88	44
Aroclor-1221	U )	ซ	180	120
Aroclor-1232	<b>U</b>	U	88	71
Aroclor-1242	· U	υ	88	44
Aroclor-1248	U U	U	88	53
Aroclor-1254	2910 -2800	U.	88	62
Aroclor-1260	· υ <b>4</b> / ·	υ.	88	71

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMÉNDED HEHLH MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278175

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

IIIINS2 12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7393 12/08/97 30g

Column used: DB 1701/DB 608
Analysis date: 12/10/97
Final Volume: 100ml

Dilution Factor:

10

Sample Moisture: 43.17%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	U	Ü	590	290
Aroclor-1221	Ŭ ·	Ŭ	1200	820
Aroclor-1232	. <b>U</b>	Ŭ	590	470
Aroclor-1242	ب ب	Ŭ	590	290
Aroclor-1248	U	Ū ,	590	350
Aroclor-1254	<del>-6000</del> -5400	Ŭ.	590	<b>41</b> 0 .
Aroclor-1260	υ,	U	590	470

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED -- . MAY 2 3 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278176

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

IIIINS3

Sampled by: At lab date: 12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7393 12/08/97

Column used: Analysis date: Final Volume: DB 1701/DB 608

12/10/97 10m1 (63.32%

Weight/Volume: Dilution Factor: 30g

Sample Moisture:

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U 91 45 Aroclor-1221 U 180 130 Aroclor-1232 U U 91 73 Aroclor-1242 U U 91 45 Aroclor-1248 U TT 91 54 Aroclor-1254 U 91 64 Aroclor-1260 U 91 73

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENOED TETTTE MAY 213 1998

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278177

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: IIIIND2

Client:

Sample date: Sampled by: At lab date: 12/03/97 Customer

Matrix:

12/04/97 SOIL

Batch #: Extraction date:

QPC7393 12/08/97

Column used: Analysis date: Final Volume: Sample Moisture: 750.09%

DB 1701/DB 608

12/10/97 10ml

Weight/Volume: Dilution Factor: 30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	1900 1800	0 0 0 0	67 130 67 67 67 67	33 94 53 33 40 47 53

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278178

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: JJJJSS1 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOTT

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7393 12/08/97 30g 10

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/10/97

100ml Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ บ บ บ บ ช 8500 บ	ם מ מ מ	590 1200 590 590 590 590 590	290 820 470 290 350 410	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

B: sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278179

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272

JJJJSS2

Sample ID: Sample date: Sampled by:

12/03/97 Customer

At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7393 12/08/97

Column used: Analysis date: DB 1701/DB 608 12/10/97

Weight/Volume: Dilution Factor:

30g 10

Final Volume: Sample Moisture:

100ml 39.88%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ บ บ <del>6500</del> 6700	ט ט ט ט	550 1100 550 550 550 550	280 780 440 280 330 390 440

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. រ :

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 MAY 26, 1998

AMENDED PEDCIT MAY 2 5 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278180

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: JJJJSD1 Sample date: Sampled by: 12/03/97 Customer At lab date: 12/04/97 Matrix: SOIL

Batch #:

Extraction date: Weight/Volume:

OPC7393 12/08/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/10/97 10ml 43.92%

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	1300 1400 D Q D D Q D	ט ט ט ט ט	59 120 59 59 59 59	30 83 48 30 36 42

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

Client: Sample source: RFP#2272

ROY F. WESTON, INC.

Sample ID: Sample date:

JJJJSD2 12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7393 12/08/97

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/10/97 10ml <sup>3</sup> 48.7%

Dilution Factor:

30g

ANALYTE NAME	RES UG/	METHOD BLANK ULT RESULT KG UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U 1 <del>200</del> U	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	65 130 65 65 65 65 65	32 91 52 32 39 45

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED PERCET MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278182

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: JJJJNS1 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOIL

Batch #:

OPC7393

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

12/08/97

Analysis date: Final Volume: Sample Moistur

12/10/97 10ml

Dilution Factor:

30g

	Sample MOISC	ule: 10.26%
	METHOD	PRACTICAL
RESILT	BLANK RESILT	QUANTITATION

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U <b>J</b> 840 U	บ บ บ บ บ	37 74 37 37 37 37 37	18 52 30 18 22 26 30	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number: 278183

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: Sample date: JJJJNS2 12/03/97 Sampled by: Customer At lab date: Matrix: 12/04/97 SOIL

Batch #: QPC7393 Extraction date: • 30g Weight/Volume: Dilution Factor:

12/08/97

Column used: DB 1701/DB 608 Analysis date: Final Volume: 12/10/97

10ml Sample Moisture: 22.12%

ANALYTE NAME	RESULT RI	ETHOD LANK ESULT E/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ υ	ប ប ប ប ប ប ប	43 86 43 43 43 43 43	21 60 34 21 26 30 34

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278184

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

JJJJND1 12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #:

Aroclor-1254

Aroclor-1260

QPC7393 12/08/97 Column used: Analysis date:

DB 1701/DB 608 12/10/97

38

45

Extraction date: Weight/Volume: Dilution Factor:

30g

Final Volume: Sample Moisture: 10ml 48.12%

64

64

64

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG -----Aroclor-1016 Aroclor-1221 U U 64 U U 130 90 Aroclor-1232 U Ū 51 64 Aroclor-1242 U U 64 32 Aroclor-1248

U

U

U

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

IJ

170

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278185

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: JJJJND2 Sample date: 12/03/97 Sampled by: Customer 12/04/97 At lab date: Matrix: SOIL

Batch #:

Extraction date: Weight/Volume:

OPC7393 12/08/97 Column used: Analysis date: Final Volume: DB 1701/DB 608

12/10/97 . 10ml 24.52%

Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U U 1500 U	ם מ מ מ	44 88 44 44 44 44	22 62 35 22 26 31 35

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278186

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: Sample date: CCCCSED(S) 12/03/97 Sampled by: Customer At lab date: Matrix: 12/04/97 SOIL

Weight/Volume:

Dilution Factor:

Batch #: Extraction date: QPC7393 12/08/97 30g

Column used: Analysis date: DB 1701/DB 608 12/10/97

Final Volume: 10ml Sample Moisture: 36.81%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U <del>U</del> 250J <del>62</del> 0 676 J	ช บ บ บ บ	53 100 53 53 53 53 53	26 74 42 26 32 37

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376

US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278187

Client: Sample source: RFP#2272

ROY F. WESTON, INC.

Sample ID: Sample date:

CCCCSED (D)

Sampled by:

12/03/97 Customer

At lab date: Matrix:

12/04/97 SOIL

Batch #: Extraction date: QPC7393 12/08/97 Column used:

DB 1701/DB 608

AVENTED HAT I

MAY 27 3 1993

Weight/Volume:

Analysis date: Final Volume:

12/10/97 10ml

30g

Sample Moisture:

228

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016		•		•
	U	U	43	21
Aroclor-1221	Ŭ	Ŭ	85	60
Aroclor-1232	Ŭ	U	43	34
Aroclor-1242	, Ü	Ü	43	21
Aroclor-1248	# 130 T	ΙŢ	43	26
Aroclor-1254	280 3007	ŤŤ.	=	
	400 300 J	<u> </u>	43	30
Aroclor-1260	U •	U	43	34

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

MAY 2 \_ 1998

1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278188

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272
Sample ID: DDDDSED(S)
Sample date: 12/03/97
Sampled by: Customer
At lab date: 12/04/97
Matrix: SOIL

Weight/Volume:

Dilution Factor:

Batch #: Extraction date: QPC7393 12/08/97

30g

Column used: Analysis date: DB 1701/DB 608 12/10/97

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Final Volume: Sample Moisture:

10ml 21.43%

				· · · · · · · · · · · · · · · · · · ·
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	<b>U</b> .	Ū	42	21
Aroclor-1221	U	· ʊ	85	59
Aroclor-1232	υ	U	42	34
Aroclor-1242	· О	U	42	21
Aroclor-1248	<i>₩</i> 390 <i>T</i>	Ū	42	25
Aroclor-1254	11001200T	Ü	42	30
Aroclor-1260	U 1200	Ū	42	34

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278189

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: DDDDSED(I Sample date:

DDDDSED (D) 12/03/97

Sampled by: Customer At lab date: 12/04/97 SOIL Matrix:

Batch #:

QPC7393

Column used:

DB 1701/DB 608 12/11/97

Extraction date: Weight/Volume: 12/08/97

Analysis date: Final Volume:

10ml 13.66%

Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	,			
Aroclor-1016	<b>U</b> .	Ū	39	19
Aroclor-1221	U ·	U	77	54
Aroclor-1232	U	Ü	39	31
Aroclor-1242	U	ប	. 39	19
Aroclor-1248	Ŭ	U	39	23
Aroclor-1254	50	Ū	39	27
Aroclor-1260	Ū	บั	39	31

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED PER "

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278190 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

EEEESED(S) 12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date:

OPĆ7393 12/08/97

30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608

12/11/97 10ml 17.68%

Weight/Volume: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	TT	**	40	
	· U	0 .	40	20
Aroclor-1221	⁄ <b>ΰ</b>	Ŭ	81	57
Aroclor-1232	Ŭ	. <b>U</b>	40	32
Aroclor-1242	TT	II	40	20
Aroclor-1248	TT .	ŤŤ .		
		, , , , , , , , , , , , , , , , , , ,	40	24
Aroclor-1254	<del>450</del> 49√	Ŭ	40	28
Aroclor-1260	Ü	U .	40	32

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278191

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: FFFFSED( Sample date: Sampled by: At lab date: 12/04/97

FFFFSED(S) 12/03/97 Customer

Matrix:

Client:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7393 12/08/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/10/97

10ml 18.98%

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	u u u u <del>1200</del> 1300 u	ט ט ט ט	41 82 41 41 41 41	20 58 33 20 25 29

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA; DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

MAY 26, 1998

278192

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by: At lab date: Matrix:

Weight/Volume:

GGGGSED(S) 12/03/97 Customer

12/04/97 SOIL

Batch #:

Aroclor-1260

Extraction date: Dilution Factor:

QPC7393 12/08/97 30g

Analysis date: Final Volume: Sample Moisture:

Column used:

DB 1701/DB 608 12/10/97

10ml 29.76%

METHOD PRACTICAL MINIMIM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U 47 24 Aroclor-1221 Ħ TT 95 66 Aroclor-1232 U U 47 38 Aroclor-1242 U 47 24 Aroclor-1248 TT 47 28 Aroclor-1254 U 33

U

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number: 278193 Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: Sampled by: GGGGSED (D) 12/03/97 Customer

At lab date: Matrix:

12/04/97 SOIL

Batch #: Extraction date: QPC7393 12/08/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608

12/11/97 200ml 25.28%

Weight/Volume: Dilution Factor: 30g 20

		,		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	TT	TT		;
	U	. 0	890	450
Aroclor-1221	Ŭ	. U	1800	1200
Aroclor-1232	U .	ŢŢ	890	710
Aroclor-1242	ŢŢ ·	Īī	890	450
Aroclor-1248				
	9500-9700	U.	890	540
Aroclor-1254	-9500 - 1XW	Ü	890	620
Aroclor-1260	· U '*	U	890	710

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP-Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278194

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

HHHHSED(S)

Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7394

Column used:

DB 1701/DB 608 12/12/97

Extraction date: Weight/Volume:

12/09/97

Analysis date: Final Volume:

10ml 34.43%

Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232	U U	U U	51 100 51	25 71 41
Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	Ŭ U 1700 ∕ U	บ บ บ	51 51 51 51	21 25 30 36 41

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278195

Client:

ROY F. WESTON, INC.

Sample ID: Sample date:

Sample source: RFP#2272 HHHHSED (D)

Sampled by: At lab date:

12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date:

Weight/Volume:

Dilution Factor:

QPC7394 12/09/97

30g

Column used:

DB 1701/DB 608 12/13/97

Analysis date: Final Volume: Sample Moisture:

50ml 25.93%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	Մ Մ Մ <del>3600</del> 2 900	บ บ บ บ บ บ	220 450 220 220 220 220 220	110 320 180 110 140 160

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J:

meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278196 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

IIIISED(S) 12/03/97

Sample date: Sampled by: At lab date:

Customer

Matrix:

12/04/97 SOIL

Batch #: Extraction date: QPC7394 12/09/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/12/97

10ml 17.42%

Weight/Volume: Dilution Factor: 30g

			· · · · · · · · · · · · · · · · · · ·	
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016		YT	40	20
Aroclor-1221	77	11	81	56
Aroclor-1232	11	ij	40	32
Aroclor-1242	ii	ĭĭ	40	20
Aroclor-1248	Ŭ.	Ū	40	24
Arocler-1254	200	ŭ	40	28
Aroclor-1260	Ŭ	Ü	40	32

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number: 278197

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: IIIISED (D) 12/03/97 Sample date: Sampled by: Customer At lab date: 12/04/97 Matrix: SOIL

Dilution Factor:

Batch #: QPC7394 Extraction date: 12/09/97 Weight/Volume: 30g

DB 1701/DB 608 12/12/97 Column used: Analysis date: Final Volume: 10ml

Sample Moisture: 16.76%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	(	4	•	
Aroclor-1016	Ŭ	U	40	20
Aroclor-1221	Ū	U .	80	56
Aroclor-1232	Ū	U	40	32
Aroclor-1242	U	Ū	40	20
Aroclor-1248	U .	U	40	24
Aroclor-1254	· <u>-62</u> 65	U	40	28
Aroclor-1260	ŭ	U	40	32

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278198

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: JJJJSED(

JJJJSED(S)

Sample date:

12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #:

QPC7394

Column used:

DB 1701/DB 608

Extraction date:

12/09/97

Analysis date: Final Volume:

12/12/97 10ml

Weight/Volume: Dilution Factor: 30g

Sample Moisture:

18.18%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016		TT ·	41	20	
Aroclor-1016 Aroclor-1221	ij	TT .	81	57	
Aroclor-1232	บ	Ŭ	41	32	
Aroclor-1242	Ŭ	Ū	$\overline{41}$	20	
Aroclor-1248	Ū	Ū	41	24	
Aroclor-1254	70~	U	41	28	
Aroclor-1260	Ū	U	41	32	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278199

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: JJJJSED (D) Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

QPC7394  $\tilde{1}2/09/97$ 

Column used: Analysis date:

DB 1701/DB 608 12/12/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Final Volume: Sample Moisture:

10ml

14.48%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	ប	39	19
Aroclor-1221	U	U	78	54
Aroclor-1232	ប	· Ü	39	31
Aroclor-1242	ប	. <b>u</b>	39	19
Aroclor-1248	<b>U</b> ,	. <b>U</b>	39	23
Aroclor-1254	28J /	Ū	39	27
Aroclor-1260	U	· Ŭ	39	31

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 24, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278200

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: Sampled by:

KKKKSS1 12/03/97 Customer 12/04/97

At lab date: Matrix:

SOTT

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7394 12/09/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/13/97

50ml 35.48%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	· · · · · · · · · · · · · · · · · · ·	ŢŢ	260	130
Aroclor-1221	Ŭ	Ŭ	520	360
Aroclor-1232	Ů	Ū	260	210
Aroclor-1242	Ŭ	U	260	130
Aroclor-1248	U /	Ŭ	260	150
Aroclor-1254	3700´	Ū	260	180
Aroclor-1260	U	Ŭ	260	210

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

- Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the
- specified detection limit but greater than zero.

  Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278201

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: KKKKSS2 Sample date: 12/03/97 Sampled by:

Customer

At lab date: Matrix:

12/04/97 SOIL

Batch #:

QPC7394 12/09/97 Column used: Analysis date: Final Volume: DB 1701/DB 608 12/12/97

10ml Sample Moisture: 39.41%

Extraction date: Weight/Volume: Dilution Factor:

30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ΥT	<b>I</b> T	. 55	28
Aroclor-1221	. <b>Ŭ</b>	Ü	- 110	77
Aroclor-1232	<del>บ</del> ้	ซ	55	44
Aroclor-1242	ΰ	U	55	28
Aroclor-1248	ប	ប	55	33
Aroclor-1254	980 /	ប	55	38
Aroclor-1260	ប	U .	55	44

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: 278202

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: KKKKSD1 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOIL

Column used: DB 1701/DB 608 12/13/97 Batch #: QPC7394 Extraction date: 12/09/97 Analysis date: Weight/Volume: Final Volume: 30g 100ml Dilution Factor: 10 Sample Moisture: 30.31%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	U	U	480	240
Aroclor-1221	Ŭ	U	960	670
Aroclor-1232	υ	Ü	480	380
Aroclor-1242	Ū	Ū	480	240
Aroclor-1248	Ŭ	. 11	480	290
Aroclor-1254	5400	บั	480	330
Aroclor-1260	Ü	บั	480	380

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278203

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: LLLLSS1

Sampled by: At lab date: 12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #:

OPC7394 12/09/97

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/12/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Sample Moisture:

10ml 41.35%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U 190	ט ט ט ט ט	57 110 57 57 57 57 57	28 80 45 28 34 40

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376

US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number: 278204

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: LLLLSS2 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 SOIL Matrix:

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7394 12/09/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/12/97

10ml Sample Moisture: 25.78%

	•				
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016			4 5	22	
	U	U	45	22	
Aroclor-1221	Ü	U ·	90	63	
Aroclor-1232	U	U	45	36	
Aroclor-1242	ττ	Ū	45	22	
Aroclor-1248	TT	TT ·	45	27	
	/	<u></u>			
Aroclor-1254	180/	U	45	31	
Aroclor-1260	ŭ	Ü	45	36	
ALCCICI IZCO			43	. 30	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278205 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

MMMMSS1 12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7394 12/09/97 30g

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/13/97

Sample Moisture:

50ml 27.31%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	Ŭ	. 230	110
Aroclor-1221	ט	Ŭ	460	320
Aroclor-1232	U	U ,	230	180
Aroclor-1242	υ	Ū	230	110
Aroclor-1248	Ŭ ,	U	230	140
Aroclor-1254	3600/	ប	230	160
Aroclor-1260	Ü	Ū	230	180

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Sample source: RFP#2272
Sample ID: MMMMcco

Sample date:

12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date:

QPC7394 12/09/97

30g

Column used:

DB 1701/DB 608 12/12/97

Analysis date: Final Volume: Sample Moisture:

10ml 25.25%

Weight/Volume: Dilution Factor:

1

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ü .	IJ	44	22
Aroclor-1221	Ü	Ū	89	62
Aroclor-1232	Ŭ	Ŭ	44	36
Aroclor-1242	. <b>U</b>	Ū	44	22
Aroclor-1248	Ŭ	U	44	27
Aroclor-1254	<del>-170</del> R	Ü	44	31
Aroclor-1260	υ '`	· U	44	36

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278207

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

KKKKNS1 12/03/97 Customer

Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7394 12/09/97 30g

Column used: Analysis date: DB 1701/DB 608 12/13/97

Final Volume: Sample Moisture:

50ml 40.31%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	, п,	U	280	140
Aroclor-1016 Aroclor-1221	11	Ü	560	390
Aroclor-1221 Aroclor-1232	U 11	Ü	280	220
	Ü	~		
Aroclor-1242	Ŭ	Ŭ	280	140
Aroclor-1248	Ŭ,	Ŭ	280	170
Aroclor-1254	4900 /	U	280	200
Aroclor-1260	ΰ,	Ŭ	280	220

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278208

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

KKKKNS2 12/03/97

Sample date: Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: QPC7394 12/09/97

30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/12/97 10ml-**50.9**%

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	· T			
Aroclor-1016	υJ	Ū	68	34
Aroclor-1221	υι	U	140	95
Aroclor-1232	υ !	U	68	54
Aroclor-1242	. 0	U	68	34
Aroclor-1248	U / [	U	68	41
Aroclor-1254	ىل 2800	U	68	48
Aroclor-1260	ਹ 🐧	Ū	68	54

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376
US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278209

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: KKKKNS3 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 SOIL Matrix:

Batch #:

QPC7394

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

12/09/97

Analysis date: Final Volume: Sample Moisture: 12/13/97 50ml 42.94%

Dilution Factor:

30g

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT UG/KG UG/KG ANALYTE NAME UG/KG UG/KG Aroclor-1016 U U 290 150 Aroclor-1221 U U 580 410 U U Aroclor-1232 290 230 U U 290 Aroclor-1242 150 Aroclor-1248 U U 290 180 6100/ U 290 Aroclor-1254 200 Aroclor-1260 U U 290

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the U: J:

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278210

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272
Sample ID: KKKKND1
Sample date: 12/03/97
Sampled by: Customer
At lab date: 12/04/97
Matrix: SOIL

Batch #:

ANALYTE NAME

Aroclor-1016 Aroclor-1221

Aroclor-1232

Aroclor-1242

Aroclor-1248

Aroclo: -1254

Aroclor-1260

QPC7394 12/09/97

12/09/97

Column used: Analysis date: Final Volume:

U.

· U

Sample Moisture:

DB 1701/DB 608 12/14/97

400

470

540

12/14/97 100ml 50.29%

Extraction date: Weight/Volume: Dilution Factor:

30g

PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
670 1300 670	340 940 540 340
	QUANTITATION LIMIT UG/KG670 1300

670

670

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

U

U

H

U

12000

RESULT

UG/KG

U: Indicates a compound was analyzed for but not detected at the PQL
 J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

3: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 20, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278211

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: Sampled by: At lab date:

KKKKND2 12/03/97 Customer

Matrix:

12/04/97 SOIL

Batch #: Extraction date: Weight/Volume:

OPC7394 12/09/97

Column used: Analysis date:

DB 1701/DB 608

30g Dilution Factor:

Final Volume: Sample Moisture: 12/14/97 50ml 45.01%

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 300 150 Aroclor-1221 U IJ 610 420 Aroclor-1232 U IJ 300 240 Aroclor-1242 U U 300 150 1800 I <del>U</del> Aroclor-1248 U 300 180 Aroclor-1254 4000 5800 T U 300 210 Aroclor-1260 300 TT

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

2/8212
ROY F. WESTON, INC.
Sample source: RFP#2272
Sample ID: LLLLWG:
Sample 3 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 SOIL

Matrix:

QPC7394 Batch #: Extraction date: 12/09/97 30g

Weight/Volume: Dilution Factor: Column used: Analysis date: DB 1701/DB 608 12/12/97

Final Volume: 10ml Sample Moisture: 31.79%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232	บ บ บ	ט ט ט	49 98 49 49	24 68 39 24	٠
Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	υ 2300 <b>/</b> υ	u u	49 49 49	29 34 39	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278213

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: LLLLNS2 Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7394 12/09/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/12/97

10ml 38.03%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	ъ ъ ъ ъ ъ		54 110 54 54 54 54	27 75 43 27 32 38
Aroclor-1254 Aroclor-1260	1700	U U	54 54	43

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED PETLY MAY 2 0 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278214

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

LLLLND1 12/03/97 Customer 12/04/97

Sampled by: At lab date: Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7395 12/09/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/12/97

100ml 45.9%

Dilution Factor: 10

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	U U U U <del>7100-</del> 7800	บ บ บ บ บ	620 1200 620 620 620 620	310 860 490 310 370 430

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

MAY 2 3 1998

AMENDED PST 191

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278215

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

LLLLND2

Sampled by: At lab date: 12/03/97 Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7395 12/09/97

Column used: Analysis date: Final Volume: DB 1701/DB 608

Weight/Volume:

30g

12/12/97 100ml

Dilution Factor:

10

Sample Moisture: 61.31%

ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	15000	14000 14000	ប ប ប ប ប	860 1700 860 860 860 860 860	430 1200 690 430 520 600

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376

US EPA CLP Lab

MAY 26, 1998

PCB Results Analysis by Gas Chromatography

Sample source: RFP#2272
Sample ID: MMMMNG:

Sample date:

12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7395

12/09/97

Column used:

DB 1701/DB 608 12/11/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Analysis date: Final Volume: Sample Moisture:

10ml 23.82%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	Ŭ	U '	44	22	
Aroclor-1221	Ŭ	U	88	61	
Aroclor-1232	Ū	U	44	35	
Aroclor-1242	Ū	U	44	22	
Aroclor-1248	Ū .	τī	44	26	
Aroclor-1254	2200 <del>2000</del> T	ĪĪ	44	21	
Aroclor-1260	U	Ŭ	44	35	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278217

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: MMMMNS2 12/03/97

Sampled by: At lab date:

Aroclor-1248 Aroclor-1254

Aroclor-1260

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: QPC7395 12/09/97 Column used:

IJ

DB 1701/DB 608

28

30g

Analysis date: Final Volume: Sample Moisture: 12/11/97 10ml 16.26%

40

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	<u>u</u>	Ü	40	20
Aroclor-1221 Aroclor-1232 Aroclor-1242	บ บ	Ü Ü	80 40 40	56 32 20

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

MAY 2 8 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278218

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

MMMMND1 12/03/97

Sample date: Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: QPC7395 12/09/97

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/12/97

50ml 28.94%

Dilution Factor:

30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ט	U	230	120
Aroclor-1221 Aroclor-1232	ŭ	Ŭ	470	330
Aroclor-1232 Aroclor-1242	U	U	230	190
Aroclor-1248	Ŭ .	Ū.	230 230	120
Aroclor-1254	<del>2600-</del> 3000	Ŭ	230	140 160
Aroclor-1260	ŭ	U	230	190

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278219

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: MMMMND2 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

QPC7395 12/09/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608

12/13/97 50ml 49.82%

Extraction date: Weight/Volume: Dilution Factor:

30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	. <b>U</b>	330	170
Aroclor-1221	u U	U ·	660	460
Aroclor-1232	Ŭ	U	330	260
Aroclor-1242	ซ	Ü	330	170
Aroclor-1248	U ^	Ū.	330	200
Aroclor-1254	<del>4700-</del> 5100	Ü	330	230
Aroclor-1260	Ŭ.	บั	330	260

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278220

MAY 26, 1998

Client: ROY F. WESTON, INC.

Sample source: RFP#2272
Sample ID: NNNNNS1
Sample date: 12/03/97
Sampled by: Customer
At lab date: 12/04/97
Matrix: SOIL

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7395 12/09/97 30g Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/13/97

50ml 43.1%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
			. ·	
Aroclor-1016	Ŭ ·	Ŭ	290	150
Aroclor-1221	Ū	U	580	410
Aroclor-1232	U	Ū .	290	230
Aroclor-1242	U	Ū	290	150
Aroclor-1248	Ū ·	Ü	290	180
Aroclor-1254	<del>4200                                   </del>	ij	290	200
Aroclor-1260	T T T T T T T T T T T T T T T T T T T	, Ŭ	290	230

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
 J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: Client:

278221

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: NNNNNS2

Sample date:

12/03/97

Sampled by: At lab date:

Customer 12/04/97

Matrix:

SOIL

Batch #:

QPC7395 12/09/97 Column used:

DB 1701/DB 608

Extraction date:

Analysis date: Final Volume:

12/13/97

Weight/Volume: Dilution Factor:

30g

Sample Moisture:

50ml 37.38%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	`.
33 4076					
Aroclor-1016	U	U ,	270	130	
Aroclor-1221	Ŭ	Ū	530	370	
Aroclor-1232	U	U	270	210	
Aroclor-1242	U	TT	270	130	
Aroclor-1248	ŢŢ	TT	270	160	
Aroclor-1254	-same Hoo				
	-3900 GCC	U	270	190	
Aroclor-1260	<b>U</b> ,	U	270	210	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278222

Client: ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: NNNNNS3 Sample date:

Sampled by:

12/03/97 Customer

At lab date: Matrix:

12/04/97 SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7395 **1**2/09/97 30g

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/13/97

Sample Moisture:

50ml 38.97%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U U 4100 U	บ บ บ บ บ	270 550 270 270 270 270 270	140 380 220 140 160 190 220

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278223

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

NNNNND1 12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7395 12/09/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/11/97

Weight/Volume: Dilution Factor:

30g 1

Sample Moisture:

10ml 45.51%

ANALYTE NAME	 RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0 0 0 0 2800 J	n n n	61 120 61 61 61 61	30 86 49 30 37 43

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

278224 Lab Number:

MAY 26, 1998

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: NNNND2 Sample date: 12/03/97 Sampled by: Customer 12/04/97 At lab date: Matrix: SOIL

Dilution Factor:

Batch #: QPC7395 Extraction date: **1**2/09/97 Weight/Volume: 30g

Column used: Analysis date: Final Volume: 10ml Sample Moisture:

DB 1701/DB 608 12/11/97

35.87%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0 0 0 0 250 320	บ บ บ บ บ	52 100 52 52 52 52 52 52	26 73 42 26 31 36 42

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. J:

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number: 278225

Client: ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: 0000NS1 Sample date: 12/03/97 Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #: OPC7395 Extraction date: 12/09/97 30g Weight/Volume:

Dilution Factor:

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/11/97

10ml 16.32%

METHOD PRACTICAL MINIMUM BLANK OUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U U 40 20 Aroclor-1221 U U 80 56 Aroclor-1232 TT U 40 32 Aroclor-1242 U 40 20 Aroclor-1248 U 40 24 Aroclor-1254 40 28 Aroclor-1260 32

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278226 Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

0000NS2 12/03/97 Customer

Sample date: Sampled by: At lab date:

12/04/97

Matrix:

SOIL

Batch #:

OPC7395 12/09/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608

12/13/97 50ml 31.36%

Extraction date: Weight/Volume: Dilution Factor:

30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U U 3200 U	บ บ บ บ บ	240 480 240 240 240 240 240	120 340 190 120 140 170

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278227

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: 0000ND1 Sample date:

12/03/97

Sampled by: At lab date: Customer 12/04/97

Matrix:

SOIL

Batch #: Extraction date: QPC7395 12/09/97

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

HIM to begin

12/13/97 50ml 37.62%

Weight/Volume: Dilution Factor:

30g

	•				
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
					•
Aroclor-1016	U	U	270	130	
Aroclor-1221	ប	U	530	370	
Aroclor-1232	Ŭ	Ū	270	210	
Aroclor-1242	U	U	270	130	
Aroclor-1248	Ŭ	U .	2.70	160	
Aroclor-1254	2300.3500	ับ	270	190	
Aroclor-1260	Ū	U	270	210	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY (DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

278228 Lab Number:

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 OOOOND2 Sample ID: 12/03/97 Sample date: Sampled by: Customer At lab date: 12/04/97

SOIL Matrix:

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7395 12/09/97 30g 10

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/13/97 100ml 42.86%

		•			
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	n 11000 (≥000 n n n	ם ם ם ם	580 1200 580 580 580 580 580	290 820 470 290 350 410	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

 AMENDED REPORT MAY 2 3 1998

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278229

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: PPPPNS1 Sample date: 12/03/97 Sampled by: Customer At lab date: 12/04/97 Matrix: SOIL

Batch #:

Extraction date: Weight/Volume: Dilution Factor:

OPC7395 12/09/97 30g

Column used: Analysis date: DB 1701/DB 608 12/13/97

Final Volume: 50ml Sample Moisture: 27.31%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	ប ប ប ប 3600 ប	n n n n	230 460 230 230 230 230 230	110 320 180 110 140 160	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

AMENDED PERCET

MAY 2 3 1998

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376

US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278230

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

PPPPNS2

Sample date: Sampled by:

12/03/97 Customer

At lab date:

12/04/97

Matrix:

Aroclor-1260

SOIL

Batch #: Extraction date: QPC7395 12/09/97

Column used: Analysis date: DB:1701/DB 608 12/13/97

460

30g

Final Volume: Sample Moisture: 100ml 41.81%

570

Weight/Volume: Dilution Factor:

10

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ប	U	570	290
Aroclor-1221	Ŭ	ប	1100	800
Aroclor-1232	Ū	Ū	570	460
Aroclor-1242	Ū	Ū	570	290
Aroclor-1248	ij	Ū.	570	340
Aroclor-1254	5800	ŭ	570	400

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

MAY 2 6 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

MAY 27, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278231

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

PPPPND1 12/03/97 Customer

Sampled by: At lab date:

12/04/97 SOIL

Matrix:

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7395 12/09/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/12/97

10ml 36.35%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	TT		52	26
Aroclor-1221	. 11	TT T	100	26 · 73
Aroclor-1232	ŭ	II	52	42
Aroclor-1242	Ü	ŭ	52	26
Aroclor-1248	Ŭ	ַ "	52	31
Aroclor-1254	-2200- 100 1	T $\bar{v}$	52	37
Aroclor-1260	U 200 %	√ U	52	42

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

500

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

MAY 26, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results ' Analysis by Gas Chromatography

Lab Number:

278232

Matrix:

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: Sampled by:

At lab date:

PPPPND2 12/03/97

Customer 12/04/97 SOTE

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7395 12/09/97 30g 10

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/13/97

100ml 46.77%

630

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U 310 Aroclor-1221 U U 1200 880 Aroclor-1232 U U 630 500 Aroclor-1242 U U 630 310 Aroclor-1248 U 630 380 <del>1100</del>06400 Aroclor-1254 U 630 440

U

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Aroclor-1260

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376

US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278233

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by: At lab date:

QQQQNS1 12/03/97 Customer

12/04/97 Matrix: SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

OPC7396 12/09/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/13/97

50ml 31.52%

		. ,		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ū	Ŭ	240	120
Aroclor-1221	. U	Ū	490	340
Aroclor-1232	U	Ū	240	190
Aroclor-1242	Ū	ט	240	120
Aroclor-1248	<b>U</b> /	υ	240	150
Aroclor-1254	4100 /	U	240	170
Aroclor-1260	ប	U	240	190

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278234

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample source: RFP#2272
Sample ID: QQQQNS2
Sample date: 12/03/97
Sampled by: Customer
At lab date: 12/04/97
Matrix: SOIL

Dilution Factor:

Batch #: QPC7396 Extraction date: 12/09/97 Weight/Volume: 30g

Column used: DB 170
Analysis date: 12/13/
Final Volume: 50ml
Sample Moisture: 30.15%

DB 1701/DB 608 12/13/97 50ml

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ū	. U	240	120
Aroclor-1221	U	Ŭ	480	330
Aroclor-1232	U ·	υ	240	190
Aroclor-1242	Ū	Ü	240	120
Aroclor-1248	<b>Ū</b> /	Ū	240	140
Aroclor-1254	4000/	<u>υ</u> ,	240	170
Aroclor-1260	บ	Ū	240	190

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Sample source: RFP#2272
Sample ID: OOOONS2 QQQQNS3 12/03/97 Sample date: Sampled by: At lab date: Customer 12/04/97 Matrix: SOIL

Batch #:

QPC7396

12/09/97

Column used:

DB 1701/DB 608 12/13/97

Extraction date: Weight/Volume:

30g

Analysis date: Final Volume:

50ml 30.54%

Dilution Factor:

Sample Mcisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	Ŭ	240	120 .
Aroclor-1221	σ	U	480	340
Aroclor-1232	Ū	U	240	190
Aroclor-1242	U	U	240	120
Aroclor-1248	<b>U</b> /	U	240	140
Aroclor-1254	4100/	U	240	170
Aroclor-1260	υ´	Ŭ	240	190

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278236

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 QQQQND1 12/03/97 Sample ID: Sample date: Sampled by: Customer 12/04/97

Dilution Factor:

At lab date: Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: QPC7396 12/09/97

30g 10

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/13/97

......

7000 300

-40.5S 

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..... in the same والمرافقة ÷, ...

Sample Moisture:

100ml **753.78**%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	Turk			
Aroclor-1016	<b>U</b> 🛶	Ū	720	360
Aroclor-1221	U t	U	1400	1000
Aroclor-1232	Ū	Ŭ	720	580
Aroclor-1242	Ū Ì	U	720	360
Aroclor-1248	U	U ·	720	430
Aroclor-1254	11000	υ	720	500
Aroclor-1260	ีบี ััั 🐓 、	U	720	580

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

**DECEMBER 16, 1997** 

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278237

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

QQQQND2 12/03/97

Sample date: Sampled by:

Customer

At lab date:

12/04/97

Matrix:

SOIL

Batch #: Extraction date:

Weight/Volume:

Dilution Factor:

QPC7396

12/09/97 30g 10

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/13/97

100ml

62.08%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG		
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U 12000	ט ט ט ט ט ט ט	880 1800 880 880 880 880	440 1200 700 440 530 620 700		

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

AOUEOUS

Lab Number: 278238
Client: ROY F. WESTON, INC.
Sample source: RFP#2272 RB-1) 12/03/97 Sample ID: Sample date: Sampled by: Customer At lab date: 12/04/97

Batch #:

Matrix:

QPC7403 12/09/97 1000ml

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/14/97

10ml

Extraction date: Weight/Volume: Dilution Factor:

	ANALYTE NAME	RESULT UG/L	METHOD BLANK RESULT UG/L	PRACTICAL QUANTITATION LIMIT UG/L	MINIMUM DETECTION LIMIT UG/L
_	_				
	Aroclor-1016	U ·	ប	1.0	0.5
	Aroclor-1221	ប	Ū .	2.0	1.4
_	Aroclor-1232	U	U	1.0	0.8
	Aroclor-1242	U	Ü	1.0	0.5
	Aroclor-1248	TT ·	ij	1.0	0.6
•	Aroclor-1254	τī	TT ·	1.0	0.7
	Aroclor-1260	Ŭ	ŭ	1.0	0.8

#### UG/L = micrograms/liter or ppb

Indicates a compound was analyzed for but not detected at the MDL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: Client:

278370

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

KKKKSED(S) 12/04/97 Customer

At lab date: Matrix:

12/05/97

Batch #: Extraction date: Weight/Volume:

QPC7405 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

12/18/97 200mI 62.68

DB 1701/DB 608

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
_			•		
Aroclor-1016	U 🌙	Ŭ	1800	890	
Aroclor-1221	Ui	Ŭ	3600	2500	
Aroclor-1232	ט ו	U	1800	1400	
Aroclor-1242	υ	Ü	1800	890	
Aroclor-1248	ΰ. ↓	. ¬ Ū	1800	1100	
Aroclor-1254	24000-2200	OJ U	1800	1200	
Aroclor-1260	UT	Ť	1800		
ALUCIUI 1200	٠	U	1000	1400	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278371

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

KKKKSED (D)

Sample date: Sampled by: At lab date: 12/04/97 Customer 12/05/97

Matrix:

SOIL

Batch #:

QPC7405

 $\tilde{1}2/12/97$ 

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

30g

Analysis date: Final Volume: Sample Moisture:

12/18/97 100ml 32.78%

Dilution Factor:

10

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	u u u u u 15000 (2000	บ บ บ บ บ	500 990 500 500 500 500	250 690 400 250 300 350

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the U: J:

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. B:

ND: Not Determined.

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64 117

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278372

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: LLLLSED(Sample date: 12/04/97

LLLLSED(S)

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: QPC7405 12/12/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/15/97

10ml Sample Moisture: 34.4%

Weight/Volume: Dilution Factor: 30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	560-540	บ บ บ บ บ	51 100 51 51 51 51	25 71 41 25 30 36 41	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.
B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.
ND: Not Determined.

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278373

Client:

ROY F. WESTON, INC.

Sample ID: Sample date:

Sample source: RFP#2272 LLLLSED (D) 12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date:

ANALYTE NAME

Aroclor-1016

Aroclor-1221

Aroclor-1232

Aroclor-1242

Aroclor-1248

Arocler-1254

Aroclor-1260

**OPC7405** 12/12/97

Column used: Analysis date: Final Volume:

U

U

Sample Moisture:

DB 1701/DB 608

30

34

40

12/15/97 10ml 32.53%

Weight/Volume: Dilution Factor: 30g

RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
U.	Ū	49	25
U ·	Ŭ	99 <sup>*</sup>	69
U	υ.	49	40
U	υ ·	49	25

49

49

49

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

U

66

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY (DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### · PCB Results Analysis by Gas Chromatography

Lab Number:

278374

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: NNNNSED(

NNNNSED(S)

Sample date: Sampled by: At lab date: 12/04/97 Customer

12/05/97

Matrix:

SOIL

Batch #:

QPC7405

12/12/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/15/97

Extraction date: Weight/Volume:

30g

Sample Moisture:

10ml 39.81%

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ū	Ŭ	55	28
Aroclor-1221	Ŭ	U	110	78
Aroclor-1232	Ū	ΰ	55	44
Aroclor-1242	· Ū	Ŭ	55	28 ′
Aroclor-1248	Ū	Ū	55	33
Aroclor-1254	<del>-420</del> 430	. <b>Ú</b>	55	39
Aroclor-1260	ָ <sup>ט</sup> ָּד יַּ	Ū	55	44
	<b>-</b>			

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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Sylver States

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278375

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

NNNNSED (D) 12/04/97

At lab date: Matrix:

Customer 12/05/97

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7405 12/12/97

30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/15/97

10ml 41.76%

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
		# · · · · · · · · · · · · · · · · · · ·	•	
Aroclor-1016	Ŭ	ប	57	29
Aroclor-1221	U	ប	110	80
Aroclor-1232	ប	ប	57	46
Aroclor-1242	ប	<b>U</b> .	57	29
Aroclor-1248	Ū	<b>ט</b>	57	34
Aroclor-1254	U _	Ū	57 ·	40
Aroclor-1260	υJ	Ŭ	57	46

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278376

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

NNNNSS1 12/04/97

Sampled by: At lab date:

Customer

12/05/97 SOIL

Matrix:

Batch #: Extraction date: QPC7405 12/12/97 0g

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/18/97

50ml 31.62%

Wei Dil

ight/Vo	lume:	3
lution	Factor:	5

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ū .	Ü	240	120
Aroclor-1221	Ŭ	U	490	340
Aroclor-1232	U	U	240	190
Aroclor-1242	Ū	U .	240	120
Aroclor-1248	Ŭ	Ŭ	240	150
Aroclor-1254	<del>410</del> 0 4500	U	240	170
Aroclor-1260	υ - 700	U	240	190

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value

meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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W. B. H. J. L. L.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278377

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: NNNNSD1 Sample date:

12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #:

QPC7405  $\tilde{1}2/12/97$  Column used:

DB 1701/DB 608 12/18/97

Extraction date: Weight/Volume:

Analysis date: Final Volume: Sample Moisture:

100ml

30g Dilution Factor: 10

33.98%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
,				
Aroclor-1016	Ŭ	U	500	250
Aroclor-1221	Ŭ.	Ū	1000	710
Aroclor-1232	Ŭ	U	500	400
Aroclor-1242	Ŭ	U	500	250
Aroclor-1248	Ü	U	500	300
Aroclor-1254	<del>-6000</del> フルン	Ū	500	350
Aroclor-1260	Ü	U	500	400

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

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Wentland ARIZSH

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: 278378

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: NNNNSS2 Sample date: Sampled by: 12/04/97 Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: OPC7405 Extraction date: Weight/Volume: 12/12/97 30g Dilution Factor:

Column used: DB 1701/DB 608 Analysis date: \\Final Volume: 12/15/97

10ml Sample Moisture: 45.37%

·					
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
33					-
Aroclor-1016	Ŭ	U	61	30	
Aroclor-1221	ΰ	U	120	85	
Aroclor-1232	Ū	U	61	49	
Aroclor-1242	U	U	. 61	30	
Aroclor-1248	Ū	Ū	61	37	
Aroclor-1254	2300 T	Ū	61	43	
Aroclor-1260	-Ū_J	Ŭ	61	49	

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278379

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

NNNNSD2

Sampled by:

12/04/97 Customer

At lab date:

12/05/97

Matrix:

SOIL

Batch #: Extraction date:

QPC7405 12/12/97 Column used:

DB 1701/DB 608 12/15/97

Analysis date: Final Volume: Sample Moisture:

10ml 25.24%

Weight/Volume: Dilution Factor: 30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	υ	ŭ	44	22
Aroclor-1221	U	Ŭ	89	62
Aroclor-1232	Ü	υ.	44	36 .
Aroclor-1242	. A	Ŭ	44	22
Aroclor-1248	. · Ŭ , _	<b>₹</b> Ŭ	44	27
Aroclor-1254	1300 - 1600 -	J U	44	31
Aroclor-1260	υJ	Ŭ	44	36

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376

US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278380

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

OOOOSED(S) 12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #:

QPC7405 12/12/97 Column used: Analysis date: Final Volume:

DB 1701/DB 608

12/15/97 10ml

Extraction date: Weight/Volume: Dilution Factor:

30g

Sample Moisture: 40%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	ם ט ט סוו <del>פפ</del> דם	ט ט ט ט ט	56 110 56 56 56 56 56	28 78 44 28 33 39

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.
B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.
ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278381
Client: ROY F. WESTON, INC.
Sample source: RFP#2272

Sample ID:

0000SED (D)

Sample date: Sampled by: At lab date:

12/04/97 Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: 30g į

QPC7405 12/12/97

Column used: Analysis date: Final Volume: DB 1701/DB 608

12/15/97 10ml

Weight/Volume: Dilution Factor:

Sample Moisture:

31.46%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232	U U U	n n	49 97 49	24 68 39
Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	140 130	บ บ บ	49 49 49 49	24 29 34 39

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. U:

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278382

Client: Sample source: RFP#2272

ROY F. WESTON, INC.

Sample ID: Sample date:

0000SS1

12/04/97 Customer

Sampled by: At lab date:

12/05/97

Matrix:

SOIL

Batch #:

QPC7405 12/12/97

Column used:

DB 1701/DB 608 12/15/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Analysis date: Final Volume: Sample Moisture:

10ml 18.63%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ü.	Ŭ	41 82	20 57
Aroclor-1221 Aroclor-1232	<u>n</u>	<u>n</u> .	41	33
Aroclor-1242 Aroclor-1248	U U	ā 0	41 41	20 24
Aroclor-1254 Aroclor-1260	1100 \400	U U	41 41	29 33

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value

meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278383

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

0000SD1

Sample date: Sampled by: At lab date:

12/04/97 Customer 12/05/97

Matrix:

SOIL

Batch #:

Extraction date: Weight/Volume: Dilution Factor: QPC7405 Ĩ2/12/97 30g

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608

12/15/97 10ml 53.72%

	·				
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	2100 2100 2100 2400 1	บ บ บ บ บ	72 140 72 72 72 72 72 72	36 100 58 36 43 50	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

\_Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278384

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

0000SS2 12/04/97

At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7405 12/12/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/15/97

10ml Sample Moisture: 26.85%

RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
**			22	
U	U		23	
Ü	Ŭ	91	64	
Ū	Ū,	46	36	
Ū	Ū	46	23	
บ	U	46	27	
2200 T	U	46	32	
CU	U	46	36	
-	UG/KG U U U U U U 2200 ]	BLANK RESULT RESULT UG/KG UG/KG  U	BLANK QUANTITATION RESULT RESULT LIMIT UG/KG UG/KG UG/KG  U U 46 U U 91 U 46 U U 46	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

- Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

NJ #14116 NY #11376

973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997 US EPA CLP Lab

> PCB Results Analysis by Gas Chromatography

Lab Number: 278385

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: OOOOSD2 Sample date: 12/04/97 Sampled by: Customer At lab date: Matrix: 12/05/97 SOTI

Batch #: QPC7405 12/12/97 Extraction date: 30g Weight/Volume: Dilution Factor:

DB 1701/DB 608 12/15/97 Column used: Analysis date:

Certified for: NJ, PA, DE, CT, NY(DOH)

Final Volume: 10ml Sample Moisture: 29.63%

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 Aroclor-1221 U U 95 66 Ū Aroclor-1232 U 47 38 Aroclor-1242 U 24 Aroclor-1248 U 47 28 U Aroclor-1254 U 33 Aroclor-1260 U

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL

Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

DUSTRIAL CORROSION MANAGEMENT, INC. 52 Route 10

andolph, NJ 07869 73-584-0330, FAX: 973-584-0515 ECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

ab Number:

278386

lient: ROY F. WESTON, INC. ample source: RFP#2272

ample ID:

0000SS3

ample date:

12/04/97

ampled by: lab date:

Customer 12/05/97

atrix:

SOIL

Batch #:

Extraction date:

Weight/Volume: Dilution Factor:

QPC7405 12/12/97

30g

Sample Moisture:

Column used:

Analysis date: Final Volume:

DB 1701/DB 608

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1-1-3 namonis<u>e</u>

12/15/97 10ml 17.09%

NALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
roclor-1016	Ŭ ·	U	40	20
roclor-1221	U	U	80	56
roclor-1232	Ŭ	Ü	40	32
coclor-1242	Ü	Ū	40	20
coclor-1248	ŢŢ.	ττ	40	24
coclor-1254	1200 1500	ĬĪ .	40	28
oclor-1260	-UJ 1200	บั	40	32
	<del>-</del>			

G/KG = micrograms/kilogram or ppb esults are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. : Not Determined.

Certified for: NJ, PA, DE, CT, NY(DCH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278387

Client:

ROY F. WESTON, INC.

Sample ID:

Sample source: RFP#2272 PPPPSED(S)

Sample date: Sampled by:

12/04/97 Customer 12/05/97

At lab date: Matrix:

Aroclor-1242

Aroclor-1248

Aroclor-1254 Aroclor-1260 SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7405 12/12/97

30g

Column used:

Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

29

34

46

12/15/97 10ml 41.78%

57

57

57

PRACTICAL MINIMUM METHOD QUANTITATION DETECTION BLANK RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U 110 80 U Aroclor-1221 U Aroclor-1232 U U 57 46

U

U

U

TT

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 21, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

ROY F. WESTON, INC.
Sample source: RFP#2272
Sample ID: PPPPSFD(P)

Sample date:

12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #:

QPC7405

12/12/97

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

Analysis date: Final Volume:

12/16/97 10ml

Dilution Factor:

30g

Sample Moisture:

14.84%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	ט ט ט ט ט	n n n n	39 78 39 39 39 39	20 55 31 20 23 27 31

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
 J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.
 B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278389

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

PPPPSS1 12/04/97 Customer 12/05/97

Sampled by: At lab date: Matrix:

SOIL

Batch #: Extraction date: QPC7405 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608

12/16/97 10ml 33.64%

Dilution Factor:

Weight/Volume:

ANALYTE NAME	RESULT	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	U	50	25
Aroclor-1221	Ŭ	Ü	100	70
Aroclor-1232	Ŭ.	U	50	40
Aroclor-1242	Ū,	U ·	50	25
Aroclor-1248	Ū	Ü	50	30
Aroclor-1254	1100 980 T	Ü	50	35
Aroclor-1260	# 570J	Ū	50	40

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278390

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: Sample date: PPPPSD1 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #:

QPC7406

Column used:

DB 1701/DB 608 12/15/97

Extraction date: Weight/Volume: Dilution Factor: 12/12/97 30g

Analysis date: Final Volume: Sample Moisture:

10ml 38.92%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U 1400 1500 U	บ บ บ บ บ บ	54 110 54 54 54 54 54	27 76 44 27 33 38

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

STRIAL CORROSION MANAGEMENT, INC. Route 10 olph, NJ 07869 584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

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# PCB Results Analysis by Gas Chromatography

Number: 278391
ent: ROY F. WESTON, INC.
ple source: RFP#2272 PPPPSS2 ole ID: 12/04/97 ple date: pled by: lab date: Customer 12/05/97 SOIL rix:

4, 1998

QPC7406 atch #: 12/12/97 xtraction date: 30g eight/Volume: ilution Factor:

DB 1701/DB 608 Column used: 12/15/97 Analysis date: Final Volume:

10ml 36.07%

PRACTICAL

MINIMUM

Sample Moisture:

· .	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	DETECTION LIMIT UG/KG
ALYTE NAME			. <b></b>	
oclor-1016 oclor-1221 oclor-1232 oclor-1242 oclor-1248 oclor-1254	U U U U U 1400 U	บ บ บ บ บ บ	52 100 52 52 52 52 52 52	26 73 42 26 31 36 42
oclor-1260				

/KG = micrograms/kilogram or ppb sults are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

sample. It ind o: Not Determined.

NDUSTRIAL CORROSION MANAGEMENT, INC. homas Mancuso, Lab Mgr. opyright ICM, Inc., 1998.

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Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278392

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: PPPPSD2 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: QPC7406 Extraction date: Weight/Volume: 12/12/97 30g

DB 1701/DB 608 Column used: Analysis date: Final Volume: 12/15/97

10ml 30.86% Dilution Factor: Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	48 96 48 48 48 48	24 67 38 24 29 34 38

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. J:

ND: Not Determined.

AMENDED REPORT JUN 0 5 1998

INDUSTRIAL CORROSION MANAGEMENT. INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278393

Client: ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: QQQQSED(S) 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOTT

Batch #: Extraction date: QPC7406 12/12/97

Column used: Analysis date: DB 1701/DB 608

12/15/97 10ml 44.69%

Weight/Volume: Dilution Factor: 30g

Final Volume: Sample Moisture:

			*		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	· <b>U</b>	Ŭ	60	30	
Aroclor-1221	U	υ.	120	84	
Aroclor-1232	ט	Ū	60	48	
Aroclor-1242	ΰ	U	60	30	
Aroclor-1248	Ü	Ū	60	36	
Aroclor-1254	980	ΰ	60	42	
Aroclor-1260	ับ	Ū	60	48	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY (DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

JUNE 4, 1998

278394

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: QQQQSED(D) 12/04/97 Sample date: Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #:

Extraction date: Weight/Volume: Dilution Factor: QPC7406

12/12/97 30g 1

Column used:

Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/15/97 10ml 24.78%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	U.	Ŭ	44	22
Aroclor-1221	Ŭ	U	89	62
Aroclor-1232	U	Ü	44	35
Aroclor-1242	Ū	Ū	44	22
Aroclor-1248	řī ·	11	44	26
Aroclor-1254	440			
· · · · · · · · · · · · · · · · · · ·	440 /	U	44	31
Aroclor-1260	Ŭ .	Ŭ	44	35

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998 AMENDED REPORT

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278395 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

QQQQSS1 12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7406 12/12/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/15/97

10ml Sample Moisture: 15.51%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	υ υ υ υ 1700 J	บ บ บ บ บ	39 79 39 39 39 39 39	20 55 32 20 24 28 32

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278396

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: QQQQSD1 Sample date:

12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: QPC7406 12/12/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/15/97

ياثلله

10ml 38.12%

Weight/Volume: Dilution Factor: 30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
		•		
Aroclor-1016	U .	υ	54	27
Aroclor-1221	U	Ū	110	. 75
Aroclor-1232	· U	Ŭ	54	43
Aroclor-1242	Ū	Ŭ	54	27
Aroclor-1248	. U . 🚣 _	<b>√</b> Ŭ	54	32
Aroclor-1254	2700	U	54	38
Aroclor-1260	υ ••••	<b>~</b> ∪ .	54	43

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT JUN 9 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376
US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

JUNE 4, 1998

278397

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: Sampled by:

0000SS2 12/04/97 Customer 12/05/97

At lab date: Matrix:

SOIL

Batch #: Extraction date: QPC7406 12/12/97

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/15/97

10ml 11.87%

Weight/Volume: Dilution Factor:

30g

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
		,		
Aroclor-1016	Ŭ	Ü	38	19
Aroclor-1221	Ŭ	U .	76	53
Aroclor-1232	U	U	38	30 '
Aroclor-1242	Ü .	Ü	38	19
Aroclor-1248	Ū	Ŭ	38	23
Aroclor-1254	690	τī	38	26
Aroclor-1260	บ	Ū	38	30

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278398

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: QQQQSD2 12/04/97

Sampled by: At lab date: Customer 12/05/97 SOIL

Matrix:

Batch #: Extraction date: Weight/Volume: Dilution Factor:

OPC7406  $\tilde{1}2/12/97$ 

30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/17/97

50ml Sample Moisture: 24.43%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ	ט ט ט ט	220 440 220 220 220 220 220	110 310 180 110 130 150

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998 AMENDED REPORT

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 \_\_\_\_ 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278399

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: RRRRSED(S) 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #:

QPC7406

Column used:

DB 1701/DB 608 12/15/97

Extraction date: Weight/Volume: Dilution Factor:

12/12/97 30g

Analysis date: Final Volume: Sample Moisture:

10ml 20.75%

METHOD PRACTICAL MINIMUM DETECTION BLANK QUANTITATION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG

Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	ប U U U U 160	, n n n n	42 84 42 42 42 42	21 59 34 21 25 29
	160 U	ָט ט	42 42	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J:

meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

NJ #14116 NY #11376 US EPA CLP Lab

Certified for: NJ, PA, DE, CT, NY(DOH)

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278400

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: RRRRSED(

RRRRSED (D)

Sample date: Sampled by:

12/04/97 Customer

At lab date:

Aroclor-1260

12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: OPC7406

12/12/97

Column used:

DB 1701/DB 608 12/15/97

30g

Analysis date: Final Volume: Sample Moisture:

10ml 22.06%

43

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
·					•
Aroclor-1016	Ŭ	U	43	21	
Aroclor-1221	Ŭ	U	86	60	
Aroclor-1232	Ü	U .	43	34	
Aroclor-1242	U .	U	43	21	
Aroclor-1248	U .	υ	43	26	
Aroclor-1254	940	. U	43	30	

Ħ

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

IJ

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT JUN 0 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278401

Client: ROY F. WESTON, INC.

Sample source: RFP#2272
Sample ID: RRRRNS1
Sample date: 12/04/97
Sampled by: Customer
At lab date: 12/05/97
Matrix: SOIL

Batch #: QPC7406 Extraction date: 12/12/97 Weight/Volume: 30g Dilution Factor: 1

Column used: DB 1701/DB 608
Analysis date: 12/15/97
Final Volume: 10ml
Sample Moisture: 52.91%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0 0 0 0 980 0	ט ט ט ט ט ט	71 140 71 71 71 71 71	35 99 57 35 42 50

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
 J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278402

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: RRRRND1

Sample date: Sampled by: At lab date:

12/04/97 Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7406 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/15/97

10ml 50.I58

ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	1700	U U U 730 1600 U	n n n n	67 130 67 67 67 67 67	33 94 53 33 40 47 53

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278403

Client:

ROY F. WESTON, INC.

Sample ID: Sample date: Sampled by: At lab date:

Sample source: RFP#2272 RRRRNS2 12/04/97 Customer

Matrix:

SOIL

12/05/97

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7406 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/15/97 10ml

(55.62%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	_			
Aroclor-1016	υ 🛶	Ū ·	75	38
Aroclor-1221	υı	U	150	100
Aroclor-1232	ן ט	υ	. 75	60
Aroclor-1242	Ū	Ū	75	38
Aroclor-1248	U	Ü	75	45
Aroclor-1254	1100	τī	75	52
Aroclor-1260	Ū	ซื	75	60

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

278404 Lab Number:

ROY F. WESTON, INC. Client: Sample source: RFP#2272 Sample ID: RRRRND2

Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7406 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/15/97

10mL51.68%

ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	590 <b>2</b> 100	580 1600 U	บ บ บ บ บ	69 140 69 69 69 69	34 96 55 34 41 48 ` 55

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number: 278405

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: RRRRSS1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: QPC7406 Extraction date: 12/12/97 Weight/Volume: 30g Dilution Factor: 10

Column used: DB 1701/DB 608 Analysis date: Final Volume: 12/17/97

100ml Sample Moisture: 45.21%

		· ·	· ·		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
_	4				
Aroclor-1016	. <u>U</u> J	U	610	300	
Aroclor-1221	Ŭ	ប	1200	850	
Aroclor-1232	Ŭ	U	610	490	
Aroclor-1242	Ŭ	U .	610	300	
Aroclor-1248	Ŭ ,	U	610	360	
Aroclor-1254	7300 860)	Ū	610	420	
Aroclor-1260	UT	Ŭ	610	490	
	-4				

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: 278406 Client: ROY F. WESTON, INC. Sample source: RFP#2272

RRRRSS2

Sample ID: Sample date:

12/04/97

Sampled by: At lab date: Customer 12/05/97

Matrix:

Batch #:

QPC7406

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

12/12/97

Analysis date: Final Volume:

12/15/97 10ml 31.88%

Dilution Factor:

30g

Sample Moisture:

		•	,		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	TT	* ***	40		
	<u>u</u> .	Ŭ	49	24	
Aroclor-1221	Ŭ	Ü	98	68	
Aroclor-1232	U	· U	49	39	
Aroclor-1242	IJ	· TT .	49	24	
Aroclor-1248	rr ·	TT	49		
·	<del>-680</del> 530 J	<u></u>		29	
Aroclor-1254	-680 220 V	U	49	34	
Aroclor-1260	- <del>U</del> 450J	U	49	. 39	
	,- •				

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

UUN 3 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278407

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: RRRRSD2 Sample date: 12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: OPC7406 ĩ2/12/97 Column used:

DB 1701/DB 608 12/15/97

Weight/Volume:

30g

Analysis date: Final Volume:

.10ml

Dilution Factor:

Sample Moisture: 27.68%

RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Ŭ	Ü .	46	23	
Ŭ	Ü	92	64	
· U	U	46	37	
· U′	Ū		_ ,	
. tī	II .			
780 2110 J	T'		- ·	
	, TT			
	UG/KG U U U U U <del>U</del> <del>U</del> <del>U</del> <del>780</del> <b>34</b> 0 J	BLANK RESULT RESULT UG/KG UG/KG  U U U U U U U U U U U U U U U U U U U	BLANK QUANTITATION RESULT RESULT LIMIT UG/KG UG/KG UG/KG  U U 46 U U 92 U U 46	BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT UG/KG UG/KG UG/KG UG/KG  U U 46 23 U U 92 64 U U 92 64 U U 46 37 U U 46 23

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: 278408

JUNE 4, 1998

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: RRRRNS3 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

QPC7406 Batch #: Extraction date: 12/12/97 Weight/Volume: 30g Dilution Factor:

Column used: DB 1701/DB 608 Analysis date: Final Volume: 12/15/97 10ml-Sample Moisture: **51.23**%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	Ŭ <b>†</b>	. <b>U</b>	68	34	
Aroclor-1221	י ט ו	· <b>U</b>	140	96	
Aroclor-1232	U	U	68	55	
Aroclor-1242	ן ט	U	68	34	
Aroclor-1248	Ū	Ū	68	41	
Aroclor-1254	1100	Ū	68	48	
Aroclor-1260	ับ ั 🔻	ប៊	68	55	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value

meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278409

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: SSSSSED(S

SSSSSED(S)

Sample date: Sampled by:

12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #:

Column used: DB 1701/DB 608
Analysis date: 12/15/97

Extraction date:

QPC7406 12/12/97

Final Volume: Sample Moisture:

10ml 27.32%

Weight/Volume: Dilution Factor:

30g 1

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
		•	: ,	
Aroclor-1016	Ŭ	· U	46	23
Aroclor-1221	U	U ·	92	64
Aroclor-1232	Ū	Ti 💮	46	37
Aroclor-1242	Ŭ	υ	46	23
Aroclor-1248	Ü	. <b>U</b>	. 46	28
Aroclor-1254	. 190´	$\mathbf{\sigma}$	46	32
Aroclor-1260	Ŭ	υ	46	37

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278410

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: SSSSSED(D) Sample date: Sampled by:

12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #:

QPC7407 12/12/97

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

30g

Analysis date: Final Volume: Sample Moisture:

12/18/97 10ml 26.46%

Dilution Factor:

•		•		( )	
ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
		Ţ <b></b> -			
Aroclor-1016		U	Ū	45	23
Aroclor-1221		Ŭ ^	U	91	63
Aroclor-1232		Ŭ	U	45	36
Aroclor-1242	•	U	ប	45	23
Aroclor-1248		˙ <b>U</b> ,	U	45	27
Aroclor-1254		<del>330</del> 360 ·	U	4.5	32
Aroclor-1260	•	TT	ŤŤ	4 E	3.6

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998 -AMENDED REPORT

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278411

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

SSSSNS1 12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: QPC7407 12/12/97

Column used: Analysis date: 12/17 Final Volume: 10ml

DB 1701/DB 608 12/17/97

Sample Moisture: 19.49%

Weight/Volume: Dilution Factor:

30g 1

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	UJ U U U 390 UJ	ប ប ប ບ ບ ບ ບ	41 83 41 41 41 41	21 58 33 21 25 29	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination. ND: Not Determined.

AMENBED REPORT JUN 0 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278412

Client: ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: SSSSND1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #:

QPC7407

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

12/12/97

Analysis date: Final Volume:

12/17/97 10ml

Dilution Factor:

30g Sample Moisture: 18.72%

	· ·	*		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	32 <del>28</del> 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	ט ט ט ט ט	41 82 41 41 41 41 41	20 57 33 20 25 29

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the J:

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278426

Client: ROY F. WESTON, INC. Sample source: RFP#2272

SSSSNS2

Sample ID: Sample date:

12/04/97 Customer

Sampled by: At lab date:

12/05/97

Matrix:

SOIL

Batch #:

QPC7407

Column used:

DB 1701/DB 608

Extraction date:

12/12/97

Analysis date: Final Volume:

12/17/97 10ml 25.91%

Weight/Volume: Dilution Factor:

30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
·				,
Aroclor-1016	υJ	<u>.</u> 1	45	22
Aroclor-1221	U	U	90 .	63
Aroclor-1232	U	· ប	4.5	. 36
Aroclor-1242	υ	υ	45	22
Aroclor-1248	Ŭ,	Ŭ	45	27
Aroclor-1254	180	Ū	45	ว้า
Aroclor-1260	<u>"</u> "	บั	45	36

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 19, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278427

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: SSSSND2 Sample date:

12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7407 12/12/97

Column used: Analysis date: Final Volume: 30g Sample Moisture: DB 1701/DB 608

12/17/97 10ml 15.79%

40

PRACTICAL METHOD MINIMUM DETECTION BLANK QUANTITATION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG √ UG/KG UG/KG υĴ Aroclor-1016 Aroclor-1221 U IJ 79 55 U Ū 40 32 Aroclor-1232 Aroclor-1242 U U 40 20 40 Aroclor-1248 TT TT 24 34J Aroclor-1254 U 40

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

ַ ע

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Aroclor-1260

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Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278428 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: SSSSSS1 Sampled by: At lab date: 12/05/97

12/04/97 Customer

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7407 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/17/97

10ml 32.32% /

•					
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016	υJ	U	49	25	
Aroclor-1221	ប	υ	98	69	
Aroclor-1232	U	U	49	39	
Aroclor-1242	U .	ប	49	25	
Aroclor-1248	U	U	49	30	
Aroclor-1254	1400	Ū	49	34	
Aroclor-1260	υJ	Ŭ	49	39	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

- Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value
- meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. ND: Not Determined.

AMENDED REPORT JUN 9 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278429

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: SSSSSD1 Sample date:

12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date:

OPC7407  $\tilde{1}2/12/97$ 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/18/97

50ml 86.81%

Dilution Factor:

Weight/Volume:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	5900 5100 U	บ บ บ บ บ	380 770 380 380 380 380 380	190 540 310 190 230 270 310

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Sample source: RFP#2272
Sample ID: SSSSSS2
Sample det

Sample date:

12/04/97 Customer

Sampled by: At lab date:

12/05/97

Matrix:

SOIL

Batch #:

QPC7407

12/12/97

Column used: Analysis date: DB 1701/DB 608

Extraction date:

Final Volume:

12/17/97

Weight/Volume: Dilution Factor:

30g

Sample Moisture:

10ml 31.97%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	1 U U U U U U U U U U U U U U U U U U U	ט ט ט ט ט	49 98 49 49 49 49	24 68 39 24 29 34 39

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED SEPOST JUN 0 5 1998

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number: 278431

Client: ROY F. WESTON, INC.

Sample source: RFP#2272
Sample ID: SSSSSD2
Sample date: 12/04/97
Sampled by: Customer
At lab date: 12/05/97
Matrix: SOIL

Batch #: QPC7407
Extraction date: 12/12/97
Weight/Volume: 30g
Dilution Factor: 1

DB 1701/DB 608

12/17/97 10ml 46.2%

	·			•
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	uJ u u u <del>1400</del> 1500	บ บ บ บ บ	62 120 62 62 62 62 62	31 87 50 31 37 43

Column used: Analysis date: Final Volume:

Sample Moisture:

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
J: Indicates an estimated value. It is utilized when a reported value
meets the identification criteria but the result is less than the
specified detection limit but greater than zero.

P: Indicates that the analyze that the product of t

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 5 5 1993. AMENDED REPORT

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INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278432

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

TTTTSED(S) 12/04/97

Sampled by: At lab date:

Aroclor-1254

Aroclor-1260

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7407 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/18/97

10ml

90

90

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG 90 Aroclor-1016 Aroclor-1221 U U 180 120 Aroclor-1232 U U 90 72 Aroclor-1242 U U 90 45 U 90 Aroclor-1248 IJ

U

U

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

JUNE 4, 1998

278433

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

TTTTSED (D) 12/04/97

Sampled by: At lab date: Matrix: Customer 12/05/97

SOIL

Batch #: Extraction date: Weight/Volume:

Dilution Factor:

QPC7407

12/12/9730g

Column used: Analysis date: DB 1701/DB 608 12/18/97

Final Volume: Sample Moisture:

50ml 48.8%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	3600 4000	ט ט ט ט ט	320 650 320 320 320 320 320	160 460 260 160 200 230 260

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the black as well as the

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

AMENDED REPORT JUN 0 5 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

JUNE 4, 1998

278434

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

TTTTNS1 12/04/97 Customer

Sampled by: At lab date:

12/05/97

Matrix:

SOIL

Batch #: Extraction date: OPC7407 12/12/97

Column used: Analysis date: Final Volume:

DB 1701/DB 608

12/18/97 10ml

Weight/Volume: Dilution Factor: 30g

Sample Moisture: 751.12%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	540 400)	ם ט ט ט ט	68 140 68 68 68 68	34 95 54 34 41 48 54

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278435

Client: Sample source: RFP#2272

ROY F. WESTON, INC.

Sample ID: Sample date: Sampled by:

TTTTND1 12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #: Extraction date:

QPC7407 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608

12/18/97 10ml 152.628

Weight/Volume: Dilution Factor:

•	•				
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
,	•				_
Aroclor-1016	ד ט	υ	70	35	
Aroclor-1221	ָּט ע	υ.	140	98	
Aroclor-1232	υ  -	ប	70	56	
Aroclor-1242	U	Ū .	70	35	
Aroclor-1248	Ü	ΰ	70	42	
Aroclor-1254	240 200	U	70	49	
Aroclor-1260	T V	Ū	70	56	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998 AMENDED REPORT

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Lab Number:

278436

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: Sampled by:

TTTTNS2 12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #: Extraction date: OPC7407 12/12/97 Column used: Analysis date: Final Volume:

DB 1701/DB 608

12/18/97 10ml

Weight/Volume: Dilution Factor: 30g

Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	64 60 J	ប ប ប ប ប ប	71 140 71 71 71 71	35 99 57 35 42 50

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

PCB Results Analysis by Gas Chromatography

Z/8437
Cilent: ROY F. WESTON, INC.
Sample source: RFP#2272
Sample ID: TTTTMP? Sample date: 12/04/97 Sampled by: At lab date: Customer 12/05/97 Matrix: SOIL

Batch #: Extraction date:

QPC7407  $\tilde{1}2/12/97$ 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/18/97 10ml 13.2%

Weight/Volume: Dilution Factor:

	•			*
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ប្ប	ប	38	19
Aroclor-1221	บ	Ŭ	77	54
Aroclor-1232	Ū	U	38	31
Aroclor-1242	U	U	38	19
Aroclor-1248	Ū	ັ <b>ບ</b> .	38	23
Aroclor-1254	บ	U	38	27
Aroclor-1260	υ <b>T</b>	Ū	38	- 31

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278438

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date:

TTTTSS1 12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #:

QPC7404

12/17/97

Column used: Analysis date: DB 1701/DB 608 12/22/97

Extraction date: Weight/Volume:

Final Volume:

50ml

Dilution Factor:

30g

Sample Moisture:

32.05%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U 2500	ក ភ ភ	240 490 240 240 240 240 240	120 340 200 120 150 170 200

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998 AMENDED REPUR

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515

JUNE 4, 1998

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278439

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: TTTTSD1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

OPC7407 12/12/97 30g

Column used: Analysis date:

DB 1701/DB 608 12/18/97

Final Volume: Sample Moisture:

10ml 49.51%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclo:-1260	υ ∫ υ υ υ <del>21</del> 00 <b>23</b> %	ט ט ט ט ט ט ט	66 130 66 66 66 66 66	33 92 53 33 40 46 53	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 19, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278440

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

TTTTSS2 12/04/97 Customer

Sampled by: At lab date:

12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor: QPC7407 12/12/97 30g

Column used: Analysis date: 12/18/97 Final Volume: 10ml Sample Moisture: 31.33%

DB 1701/DB 608

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
			,	
Aroclor-1016	Ŭ	U	48	24
Aroclor-1221	<b>U</b> .	ប	97	68
Aroclor-1232	U	U	48	39
Aroclor-1242	Ū	U	48	24
Aroclor-1248	TT	Ū	48	29
Aroclor-1254	Ŭ	n i	48	34
Aroclor-1254	1400	Ŭ	48	39

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number:

278441

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: Sample date: TTTTSD2 12/04/97 Sampled by: At lab date: Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume:

QPC7407 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608

12/18/97 10ml 28.67%

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ	ប	<b>4</b> 7	23
Aroclor-1221	Ū	Ū	93	65
Aroclor-1232	υ	U	47	37
Aroclor-1242	υ	U	47	23
Aroclor-1248	Ū	U .	47	28
Aroclor-1254	Ü	U	47	33
Aroclor-1260	1200 🕖	U	47	37

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value

meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

JUN 0 5 1998 AMENDED REPORT

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 - ......

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

JUNE 4, 1998

Lab Number: 278442 Client: ROY F. WESTON, INC. Sample source: RFP#2272

TTTTNS3 Sample ID: Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7407 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/22/97 10<del>ml</del>

55.47%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	800 720 D	บ บ บ บ บ	75 150 75 75 75 75 75	37 100 60 37 45 52 60	

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

Lab Number: 278443 Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

JUNE 4, 1998

UUUUSED (S) 12/04/97

Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: OPC7404 12/17/97

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/19/97

10ml 25.65%

Weight/Volume: Dilution Factor: 30g

ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG		PRACTICAL QUANTITATION LIMIT UG/KG	 MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016		TT	TT		4.5	
Aroclor-1016 Aroclor-1221		TT .	U 11		45	22
		<u> </u>	<u>0</u>	•	90 .	63
Aroclor-1232		U	. <b>U</b>		45	36
Aroclor-1242	•	U	U		45	22
Aroclor-1248		U .	· U		45	27
Aroclor-1254		<del>1300</del> /000	Ū		4.5	31
Aroclor-1260		U	Ü		45	36

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278444

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: UUUUSED(1

UUUUSED (D)

Sample date: Sampled by: At lab date: 12/04/97 Customer

Matrix:

12/05/97 SOIL

Batch #: Extraction date:

Weight/Volume:

QPC7408 12/12/97 30g

Column used: Analysis date: DB 1701/DB 608 12/19/97

Final Volume:

10ml

Dilution Factor:

Sample Moisture: 30.98% ☞

ACTICAL	MINIMU
ΑΝΨΤΨΑΨΤΟΝ	DETECT

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
	`			
Aroclor-1016	υ	Ŭ	48	24
Aroclor-1221	ΰ.	υ ·	96	68
Aroclor-1232	Ū	ប	48	39
Aroclor-1242	Ū	U	48	24
Aroclor-1248	. # 110 <b>]</b>	ប	48	29
Aroclor-1254	530 7	U	48	34
Aroclor-1260	ū J	U	48	39

MODITOD

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number: 278445
Client: ROY F. WESTON, INC.
Sample source: RFP#2272 Sample ID: UUUUNS1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 SOIL Matrix:

Batch #: QPC7408 Extraction date: Weight/Volume: 12/12/97 30g

Dilution Factor: 1 Column used: DB 1701/DB 608

12/19/97 Analysis date: Final Volume: 10ml Sample Moisture: 23.06%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
20002		**		
Aroclor-1016	U	Ü	43	22
Aroclor-1221	Ŭ	U	87	61
Aroclor-1232	Ū	ט	43	35
Aroclor-1242	U	U	43	22
Aroclor-1248	U asa	U	43	26
Aroclor-1254	320 32 D		43	30
Aroclor-1260	U	U	43	35

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value J: meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

278446 Lab Number:

Client: ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: UUUUND1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

QPC7408 Batch #: Extraction date: 12/12/97

DB 1701/DB 608 12/19/97 Analysis date: Final Volume: 10ml Weight/Volume: 30g Dilution Factor: Sample Moisture: 13.99% /

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	ប ប ប ប	บ บ บ บ	39 78 39 39 39	19 54 31 19 23
Aroclor-1254 Aroclor-1260	Ŭ U	Ŭ U	39 39	27 31

Column used:

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 22, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
... NJ-#14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278447

Client: ROY F. WESTON, INC. Sample source: RFP#2272 Sample ID: UUUUNS2 12/04/97 Sample date: Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #:

Aroclor-1248 Aroclor-1254

Aroclor-1260

QPC7408 12/12/97

Column used: Analysis date: DB 1701/DB 608

Extraction date: Weight/Volume: Dilution Factor:

30g

Final Volume: Sample Moisture: 12/19/97 10ml 8.43% /

36

			· · · · · · · · · · · · · · · · · · ·		
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232	บ บ บ	U U U	36 73 36	18 51 29	
Aroclor-1242	TT	77	26	1.0	

U

U

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

U

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. Thomas Mancuso, Lab Mgr. Copyright ICM, Inc., 1997. All rights reserved. DAV

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25

29

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 22, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376

US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278448

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: UUUUND2 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97

Matrix:

SOIL

Batch #:

OPC7408

12/12/97

Column used:

DB 1701/DB 608 12/19/97

Extraction date:

Analysis date:

Weight/Volume:

30g

Final Volume: Sample Moisture: 10ml

Dilution Factor:

6.88% /

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	ប ប ប ប ប ប ប	บ บ บ บ บ บ	36 72 36 36 36 36 36	18 50 29 18 21 25

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278449

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

UUUUSS1

Sampled by:

12/04/97 Customer

At lab date:

12/05/97

Matrix:

SOIL

Batch #:

QPC7408

Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:  $\tilde{1}2/12/97$ 

Analysis date: Final Volume:

12/19/97 10ml

Dilution Factor:

30g

Sample Moisture:

49.91% /

	· .	METHOD BLANK	PRACTICAL QUANTITATION	MINIMUM DETECTION
ANALYTE NAME	RES'JLT UG/KG	RESULT UG/KG	LIMIT UG/KG	LIMIT UG/KG
hwamlaw 1016	**	**	66	22
Aroclor-1016	Ü	U	66	33
Aroclor-1221	Ü	Ü	130 .	93
Aroclor-1232	Ŭ	Ŭ	66	53
Aroclor-1242	Ŭ	ΰ	66	33
Aroclor-1248	<b>Ü</b> ,	U	66	40
Aroclor-1254	1900 ′	U-	66	46
Aroclor-1260	ប	U	66	53

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

- Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 22, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278450

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID:

UUUUSD1

Sample date:

12/04/97

Sampled by:

Customer

At lab date:

12/05/97

Matrix:

SOIL

Batch #:

QPC7408 ~

Column used:

DB 1701/DB 608

Extraction date:

12/12/97

Analysis date: Final Volume:

12/19/97

Weight/Volume:

30g

Sample Moisture:

50ml 37.15% ~

Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	<b>U</b> . ,	Ū	260	130
Aroclor-1221	ប '	Ŭ	530	370
Aroclor-1232	U	υ	260	210
Aroclor-1242	U .	U	260	130
Aroclor-1248	U .	U .	260	160
Aroclor-1254	5200	Ū	260	180
Aroclor-1260	ับ	υ	260	210

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278451

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date: UUUUSS2 12/04/97 Customer

Sampled by: At lab date: Matrix:

12/05/97 SOIL .

Batch #:

QPC7408 12/12/97 30g

Column used: Analysis date: Final Volume:

DB 1701/DB 608

12/19/97 10ml 41.39% / Sample Moisture:

Extraction date: Weight/Volume: Dilution Factor:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	U U U U U 1900 / U	ט ט ט ט ט	57 110 57 57 57 57 57	28 80 45 28 34 40

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376

US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278452

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: UUUUSD2 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #:

Extraction date:

Weight/Volume: Dilution Factor: OPC7408  $\tilde{1}2/12/97$ 

30g

Column used: Analysis date:

Final Volume:

Sample Moisture:

DB 1701/DB 608 12/19/97

50m<del>l</del> 58.51%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	7000 A	U U U U	400 800 400 400 400 400 400	200 560 320 200 240 280 320

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278453

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: VVVVSED(S Sample date: 12/04/97 VVVVSED(S) Sampled by: Customer At lab date: Matrix: 12/05/97 SOIL

Batch #:

Aroclor-1242

Aroclor-1248

Aroclor-1254

Aroclor-1260

QPC7408 12/12/97

DB 1701/DB 608 12/19/97

21

25

30

Extraction date: Weight/Volume: Dilution Factor: 30g

Column used: Analysis date: Final Volume: Sample Moisture:

10ml 21.35% /

42

42

42

METHOD PRACTICAL MINIMUM **OUANTITATION** DETECTION BLANK RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U U Aroclor-1221 85 59 U Aroclor-1232 U 42 34 U

U

U

TT

U

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U

U

U

U

Indicates a compound was analyzed for but not detected at the PQL J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278454

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: VVVVSED(D) Sample date: 12/04/97 Sampled by: At lab date: Customer 12/05/97 Matrix: SOIL

Batch #:

QPC7408  $\tilde{1}2/12/97$ Extraction date: 30g

Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/19/97

10ml 18.99% /

41

Weight/Volume: Dilution Factor:

ANALYTE NAME		METHOD BLANK SULT RESULT /KG UG/KG	PRACTI QUANTI LIMIT UG/KG	CAL MINIMUM TATION DETECTION LIMIT UG/KG
Aroclor-1016	U	${f v}$	41	20
Aroclor-1221	Ū	<b>U</b>	82	58
Aroclor-1232	U	ប	41	33
Aroclor-1242	ט	U	41	20
Aroclor-1248	บ	U	41	25
Aroclor-1254	Ū	U	41	29

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Aroclor-1260

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 22, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278455

SOIL

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: VVVVNS1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix:

Batch #:

QPC7408

Column used: Analysis date: DB 1701/DB 608 12/19/97

Extraction date: Weight/Volume: Dilution Factor: 12/12/97 30g 1

Final Volume:

10ml

Sample Moisture: 47.57% /

RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	_
U	U	64	32	
" U	U	130	89	
U	U	64	51	
· . Ū	Ü			
Ū	ŢŢ.	- ··		
-1500 - 1700	ττ			
1300 ( , 40	17	•		
		BLANK RESULT RESULT UG/KG UG/KG  U U U U U U U U U U U U U U U U	BLANK QUANTITATION RESULT RESULT LIMIT UG/KG UG/KG UG/KG  U U 64 U U 130 U U 64 U U 64 U U 64 U U 64	BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT UG/KG UG/KG UG/KG UG/KG  U U G/KG UG/KG  U U 130 89 U U 64 51 U U 64 32 U U 0 64 32

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

# PCB Results Analysis by Gas Chromatography

278456 Lab Number:

ROY F. WESTON, INC. Client:

Sample source: RFP#2272 Sample ID: VVVVND1 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 Matrix: SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7408 12/12/97 30g

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/19/97

10ml 27.52% /

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	46 92 46 46 46 46 46	23 64 37 23 28 32

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278457

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample ID: Sample date:

VVVVNS2 12/04/97 Customer

Sampled by: At lab date: Matrix:

12/05/97 SOIL

Batch #:

QPC7408 12/12/97 Column used: Analysis date: Final Volume:

DB 1701/DB 608 12/19/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Sample Moisture:

10ml 46.89% -

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	U	U	63	31
Aroclor-1221	Ŭ	Ü	120	88
Aroclor-1232	U	บ	63	50
Aroclor-1242	ט	บ	63	31
Aroclor-1248	Ü	·	63	38
Aroclor-1254	2000 /	U	63	44
Aroclor-1260	Ŭ	υ	63	50

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 22, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number: 278458
Client: ROY F. WESTON, INC.
Sample source: RFP#2272 Sample ID:

VVVVND2 12/04/97

Sample date: Sampled by: At lab date:

Customer 12/05/97

Matrix:

SOIL

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7408 12/12/97 30g

Column used: Analysis date: Final Volume: Sample Moisture: DB 1701/DB 608 12/19/97

50ml 42.99%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	Ŭ -	Ŭ	290	150
Aroclor-1221	U	Ū	580	410
Aroclor-1232	U	υ	290	230
Aroclor-1242	U	Ū	290	150
Aroclor-1248	U	Ū·	290	180
Aroclor-1254	4600 /	ĪĪ	290	200
Aroclor-1260	บ	Ū	290	230

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376
US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number: 278459

Client: ROY F. WESTON, INC. Sample source: RFP#2272

Sample source: RFP#2272
Sample ID: VVVVSS1
Sample date: 12/04/97
Sampled by: Customer
At lab date: 12/05/97
Matrix: SOIL

Batch #:
Extraction date:
Weight/Volume:

Dilution Factor:

QPC7408 12/12/97 30g Column used: Analysis date: Final Volume: Sample Moisture:

DB 1701/DB 608 12/19/97 10ml 54.8%

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	1600 U	ប ប ប ប ប ប	74 150 74 74 74 74 74	37 100 59 37 44 52 59

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

U: Indicates a compound was analyzed for but not detected at the PQL
 J: Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero.

specified detection limit but greater than zero.

B: Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

INDUSTRIAL CORROSION MANAGEMENT, INC. 1152 Route 10 Randolph, NJ 07869

973-584-0330, FAX: 973-584-0515 DECEMBER 22, 1997

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376
US EPA CLP Lab

## PCB Results Analysis by Gas Chromatography

Lab Number:

278460

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272

VVVVSS2

Sample ID: Sample date: Sampled by:

12/04/97 Customer

At lab date: Matrix:

12/05/97

SOIL

Batch #:

QPC7408 12/12/97

Column used: Analysis date: DB 1701/DB 608 12/19/97 10ml

Extraction date: Weight/Volume:

30g

Final Volume: Sample Moisture: 42.46% /

Dilution Factor:

ANALYTE NAME		RESULT UG/KG	METHOD BLANK RESULT UG/KG	· ·	PRACT QUANT LIMIT UG/KG	ITATION	 MINIMUM DETECTION LIMIT UG/KG
					7.7.		
Aroclor-1016		U	U		58		29
Aroclor-1221		U ~	U		120		81
Aroclor-1232	•	Ū	U		58		46.
Aroclor-1242		U	U.		58		29
Aroclor-1248		U	U		58		35
Aroclor-1254	:	2400 7	Ū		58.		40
Aroclor-1260		υ	Ŭ.		58		46

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the

sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278461

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: VVVVSD2 Sample date: 12/04/97 Sampled by: Customer At lab date:

Matrix:

12/05/97 SOIL

Batch #:

QPC7408

12/12/97

Column used:

DB 1701/DB 608 12/19/97

Extraction date: Weight/Volume: Dilution Factor:

30g

Analysis date: Final Volume: Sample Moisture: 61.67%

1.0ml^

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG	
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	םם ם ם ם ם	บ บ บ บ บ	87 170 87 87 87 87	43 120 70 43 52 61	,

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination. J:

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH)
NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

Client:

278462 ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID: VVVVNS3 Sample date: 12/04/97 Sampled by: Customer At lab date: 12/05/97 SOIL Matrix:

Batch #:

Extraction date:

QPC7408 12/12/97

Column used: Analysis date: Final Volume: DB 1701/DB 608 12/19/97

Weight/Volume: Dilution Factor: 30g

10ml 47.47% Sample Moisture:

ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	ŭ	U.	63	32
Aroclor-1221	ับ	Ü	130	89
Aroclor-1232	Ū	Ū	63	51
Aroclor-1242	U	U	63	32
Aroclor-1248	Ū	ប	63	38
Aroclor-1254	1400	<b>U</b> .	63	44
Aroclor-1260	Ū	Ū	63	51

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

1152 Route 10

Randolph, NJ 07869 973-584-0330, FAX: 973-584-0515 DECEMBER 16, 1997

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

Lab Number:

278463

Client:

Sample source: RFP#2272

ROY F. WESTON, INC.

RB2

Sample ID: Sample date:

12/04/97

Sampled by:

Customer

At lab date:

12/05/97

Matrix:

AQUEOUS

Batch #:

QPC7403

12/09/97

Column used:

DB 1701/DB 608 12/14/97

Extraction date: Weight/Volume:

1000ml

Dilution Factor:

Analysis date: Final Volume: 10ml

ANALYTE NAME	RESULT UG/L	METHOD BLANK RESULT UG/L	PRACTICAL QUANTITATION LIMIT UG/L	MINIMUM DETECTION LIMIT UG/L
Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	บ บ บ บ	ם מ מ מ מ	1.0 2.0 1.0 1.0 1.0	0.5 1.4 0.8 0.5 0.6 0.7

# UG/L = micrograms/liter or ppb

Indicates a compound was analyzed for but not detected at the MDL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

### PCB Results Analysis by Gas Chromatography

JUNE 4, 1998

Lab Number: 278464
Client: ROY F. WESTON, INC.
Sample source: RFP#2272

Sample ID: Sample date: MMMMSED(S) 12/04/97 Customer

Sampled by: At lab date:

12/05/97 SOIL

Matrix:

Batch #: Extraction date: Weight/Volume: Dilution Factor:

QPC7404 12/17/97 30g

Column used: Analysis date: Final Volume:

Sample Moisture:

DB 1701/DB 608 12/19/97

10ml 20.26%

METHOD PRACTICAL MINIMUM BLANK QUANTITATION DETECTION RESULT RESULT LIMIT LIMIT ANALYTE NAME UG/KG UG/KG UG/KG UG/KG Aroclor-1016 U U 42 21 Aroclor-1221 U 84 58 Aroclor-1232 Ħ U 42 33 Aroclor-1242 U 42 21 Aroclor-1248 U 42 25 Aroclor-1254 TT 42 Aroclor-1260 U

UG/KG = micrograms/kilogram or ppb Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the

specified detection limit but greater than zero.

Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.

Certified for: NJ, PA, DE, CT, NY(DOH) NJ #14116 NY #11376 US EPA CLP Lab

#### PCB Results Analysis by Gas Chromatography

Lab Number:

278465

Client:

ROY F. WESTON, INC.

Sample source: RFP#2272 Sample ID:

MMMMSED (D)

Sample date: Sampled by:

12/04/97 Customer

At lab date: Matrix:

12/05/97 SOIL

Batch #:

QPC7404 12/17/97 Column used:

DB 1701/DB 608

Extraction date: Weight/Volume:

30g

Analysis date: Final Volume: Sample Moisture:

12/19/97 10ml 14.15% /

Dilution Factor:

	•			
ANALYTE NAME	RESULT UG/KG	METHOD BLANK RESULT UG/KG	PRACTICAL QUANTITATION LIMIT UG/KG	MINIMUM DETECTION LIMIT UG/KG
Aroclor-1016	·	<b>U</b> .	39	19
Aroclor-1221	U	. <b>U</b>	78	54
Aroclor-1232	U	U .	39	31
Aroclor-1242	U	U	39	19
Aroclor-1248	Ū	· U	39	23
Aroclor-1254	Ŭ	U	39	27
Aroclor-1260	υ	U	39	31

UG/KG = micrograms/kilogram or ppb
Results are in ug/kg, they are reported on a dry weight basis.

Indicates a compound was analyzed for but not detected at the PQL Indicates an estimated value. It is utilized when a reported value meets the identification criteria but the result is less than the specified detection limit but greater than zero. Indicates that the analyte was found in the blank as well as the sample. It indicates possible/probable blank contamination.

ND: Not Determined.